Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041224\
Data File : BN030874.D
Acq On : 12 Apr 2024 23:23
Operator : MA/JU
Sample : P1908-05DL 50X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Quant Time: Apr 13 00:34:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 12 15:55:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	6225	0.400	ng		0.00
7) Naphthalene-d8	10.453	136	18576	0.400	ng		0.00
13) Acenaphthene-d10	14.306	164	10025	0.400	ng		0.00
19) Phenanthrene-d10	17.053	188	22103	0.400	ng		#-0.01
29) Chrysene-d12	21.258	240	18841	0.400	ng		# 0.00
35) Perylene-d12	23.486	264	16129	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.270	112	38027	2.547	ng		0.00
5) Phenol-d6	6.844	99	47895	2.648	ng		0.00
8) Nitrobenzene-d5	8.819	82	22843	1.722	ng		0.00
11) 2-Methylnaphthalene-d10	12.039	152	3	0.000	ng		0.00
14) 2,4,6-Tribromophenol	15.811	330	9051	2.229	ng		0.00
15) 2-Fluorobiphenyl	12.926	172	65581	1.846	ng		0.00
27) Fluoranthene-d10	19.089	212	6	0.000	ng		0.00
31) Terphenyl-d14	19.702	244	88014	2.055	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.104	93	18429	1.091	ng		97
9) Naphthalene	10.496	128	54787	1.066	ng		99
10) Hexachlorobutadiene	10.784	225	16745	1.632	ng	#	99
12) 2-Methylnaphthalene	12.119	142	40781	1.213	ng		98
16) Acenaphthylene	14.028	152	65320	1.491	ng		100
17) Acenaphthene	14.370	154	19567	0.632	ng		99
18) Fluorene	15.364	166	94310	2.318	ng		100
22) Hexachlorobenzene	16.358	284	17048	1.124	ng		99
25) Phenanthrene	17.102	178	94721	1.464	ng		100
26) Anthracene	17.189	178	103684	1.918	ng		100
28) Fluoranthene	19.126	202	232571	2.905	ng		99
30) Pyrene	19.488	202	125544	1.772	ng		100
33) Chrysene	21.294	228	74803	1.069	ng		98
34) Bis(2-ethylhexyl)phtha...	21.178	149	63294	2.221	ng		99
36) Indeno(1,2,3-cd)pyrene	25.726	276	181782	2.882	ng		95
37) Benzo(b)fluoranthene	22.811	252	194343	2.721	ng	#	94
38) Benzo(k)fluoranthene	22.858	252	51479	0.764	ng		97
39) Benzo(a)pyrene	23.387	252	75794	1.378	ng	#	90
40) Dibenzo(a,h)anthracene	25.746	278	45722	0.912	ng		97
41) Benzo(g,h,i)perylene	26.422	276	28216	0.520	ng		98

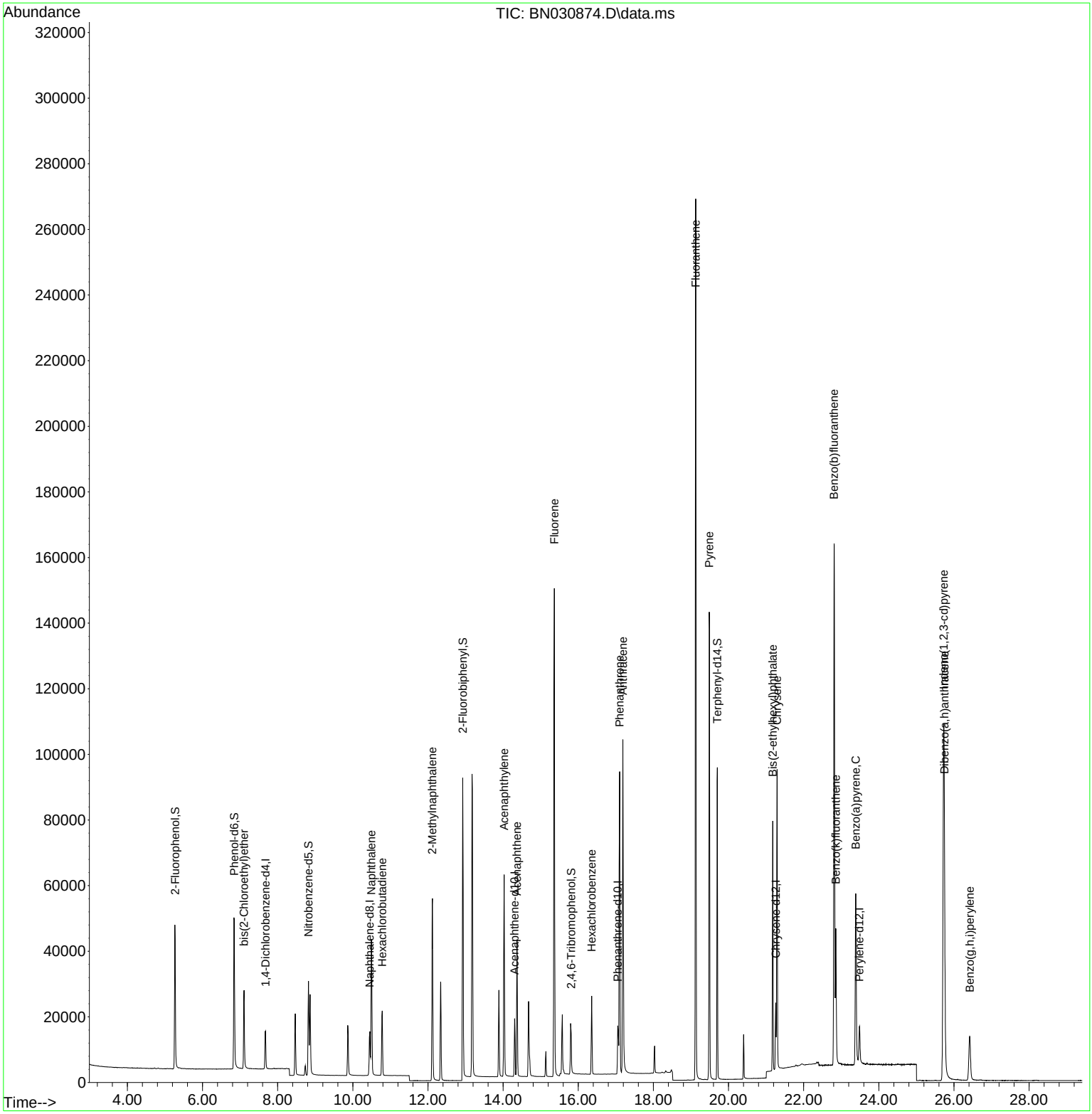
(#) = qualifier out of range (m) = manual integration (+) = signals summed

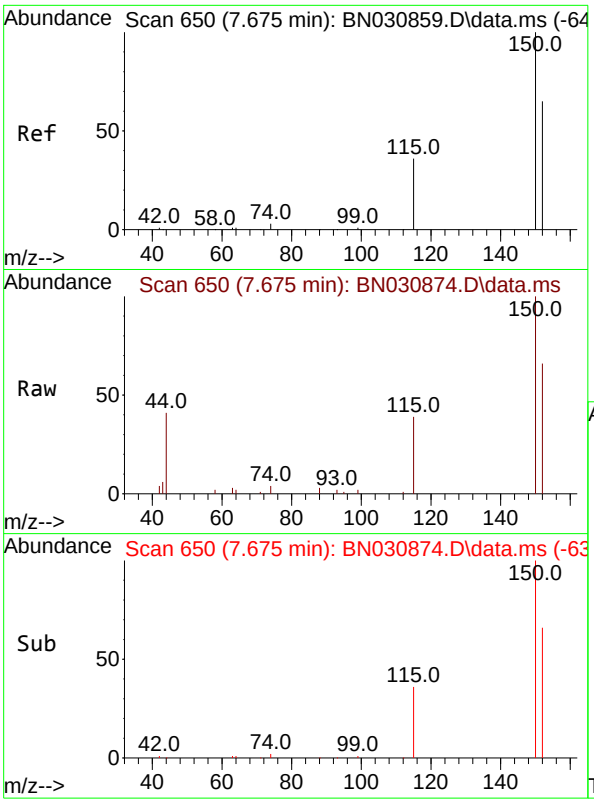
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041224\
Data File : BN030874.D
Acq On : 12 Apr 2024 23:23
Operator : MA/JU
Sample : P1908-05DL 50X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Quant Time: Apr 13 00:34:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 12 15:55:57 2024
Response via : Initial Calibration



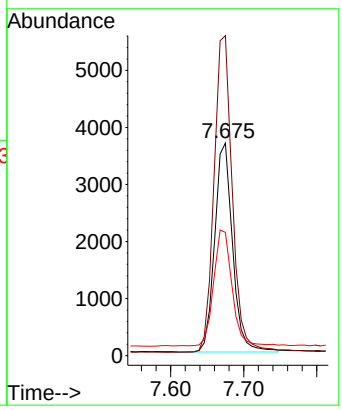


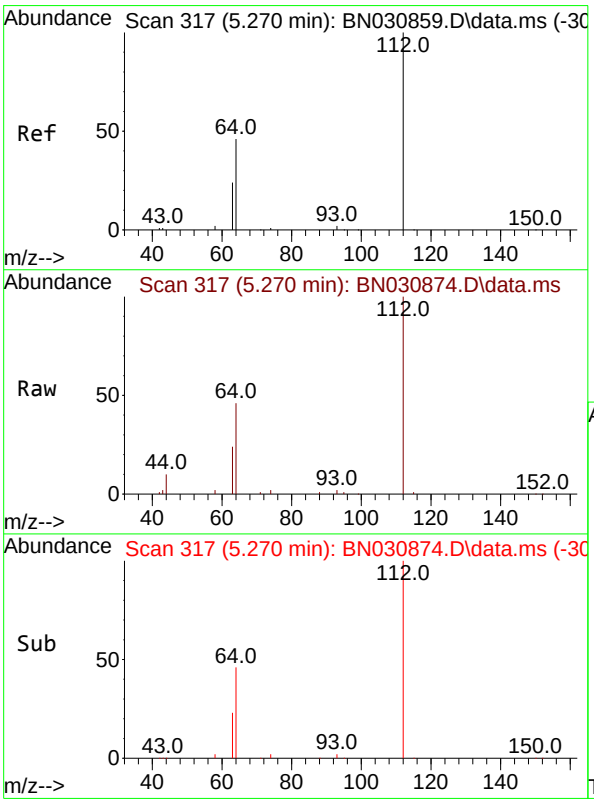
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.675 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:152 Resp: 6225

Ion	Ratio	Lower	Upper
152	100		
150	150.5	121.6	182.4
115	58.0	46.4	69.6

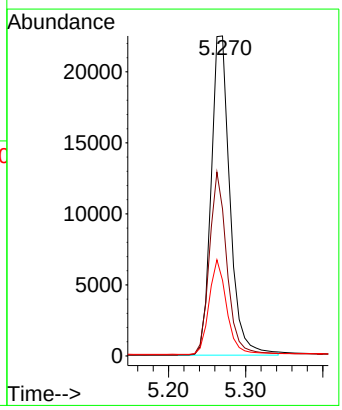


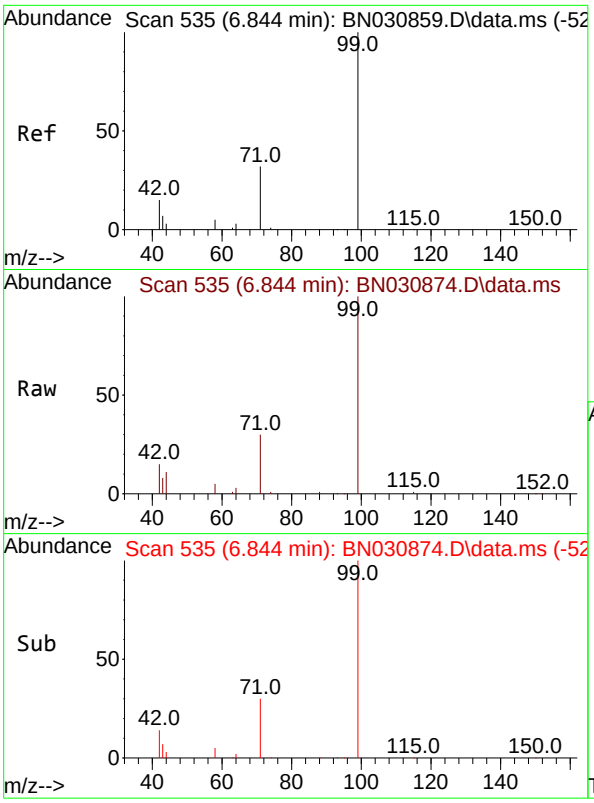


#4
2-Fluorophenol
Concen: 2.547 ng
RT: 5.270 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Tgt Ion:112 Resp: 38027

Ion	Ratio	Lower	Upper
112	100		
64	53.4	42.2	63.4
63	27.8	22.1	33.1



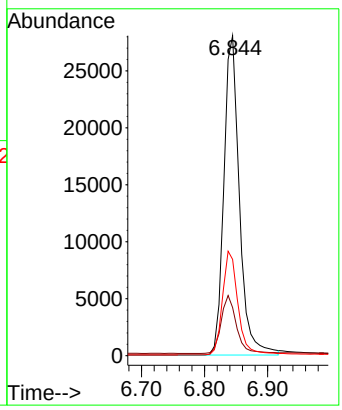


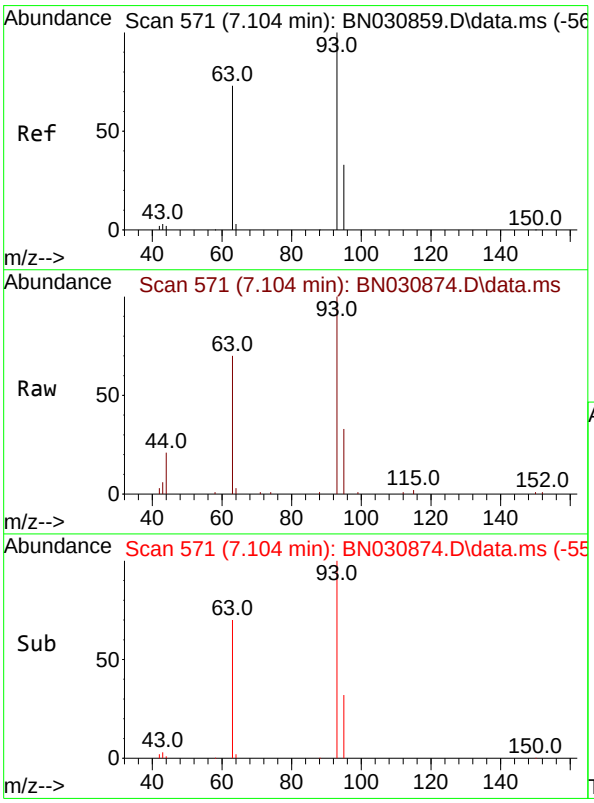
#5
Phenol-d6
Concen: 2.648 ng
RT: 6.844 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion: 99 Resp: 47895

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.3	22.9
71	32.4	26.4	39.6

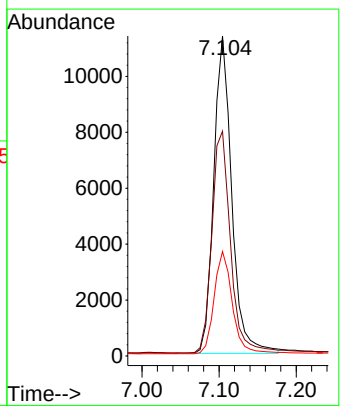


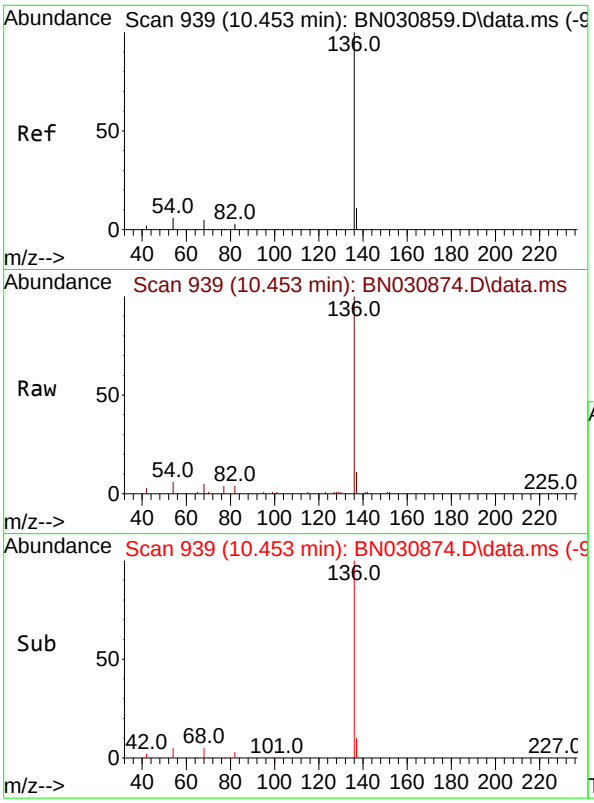


#6
bis(2-Chloroethyl)ether
Concen: 1.091 ng
RT: 7.104 min Scan# 571
Delta R.T. -0.000 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Tgt Ion: 93 Resp: 18429

Ion	Ratio	Lower	Upper
93	100		
63	72.0	59.7	89.5
95	32.5	27.1	40.7



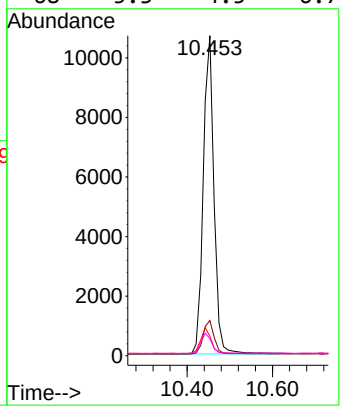


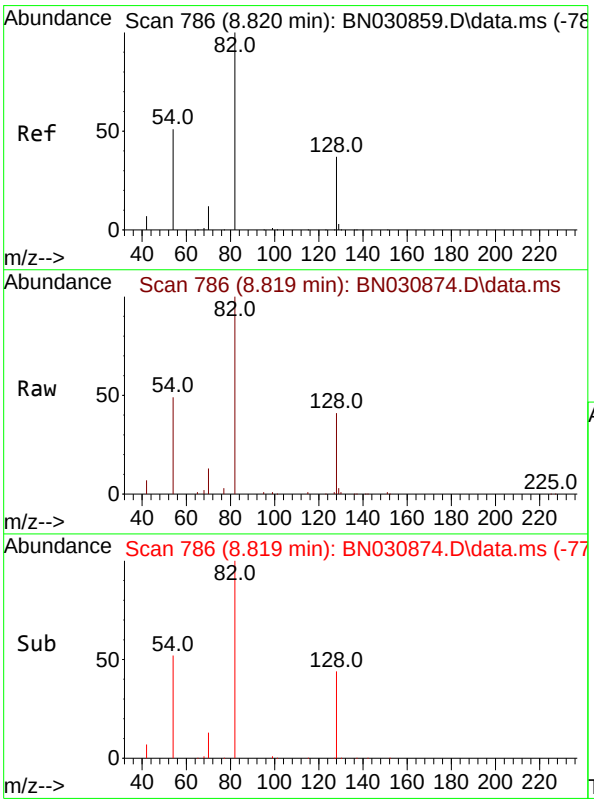
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.453 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:136 Resp: 18576

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	6.0	5.3	7.9
68	5.3	4.5	6.7

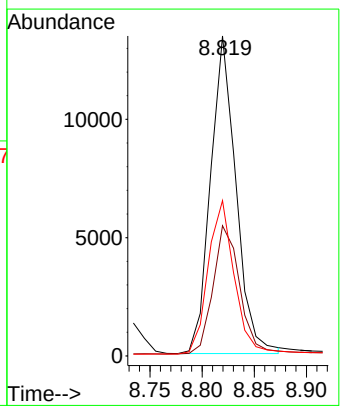


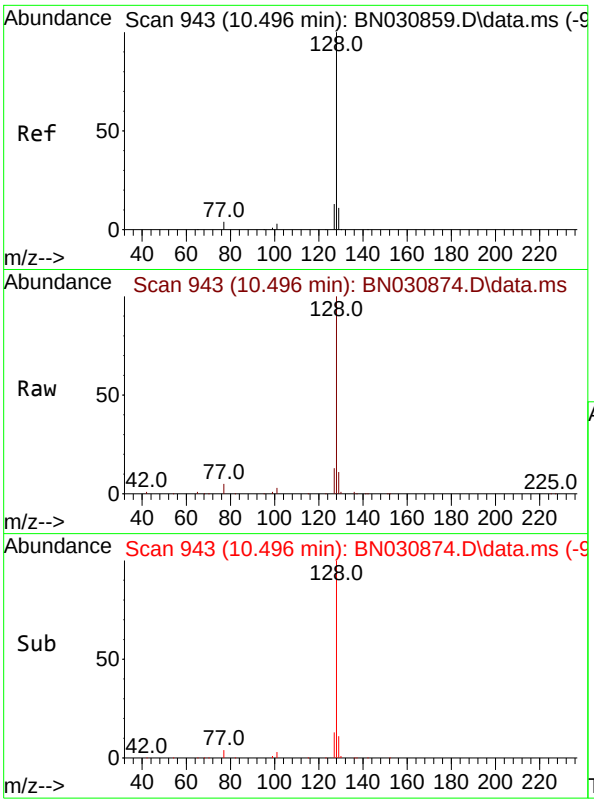


#8
Nitrobenzene-d5
Concen: 1.722 ng
RT: 8.819 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Tgt Ion: 82 Resp: 22843

Ion	Ratio	Lower	Upper
82	100		
128	40.7	31.4	47.2
54	48.5	41.8	62.6



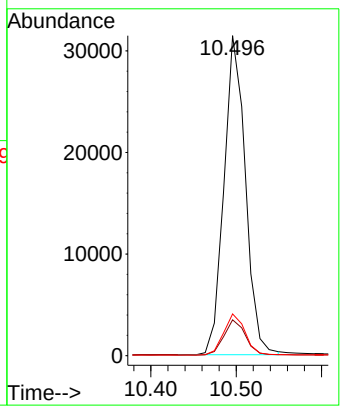


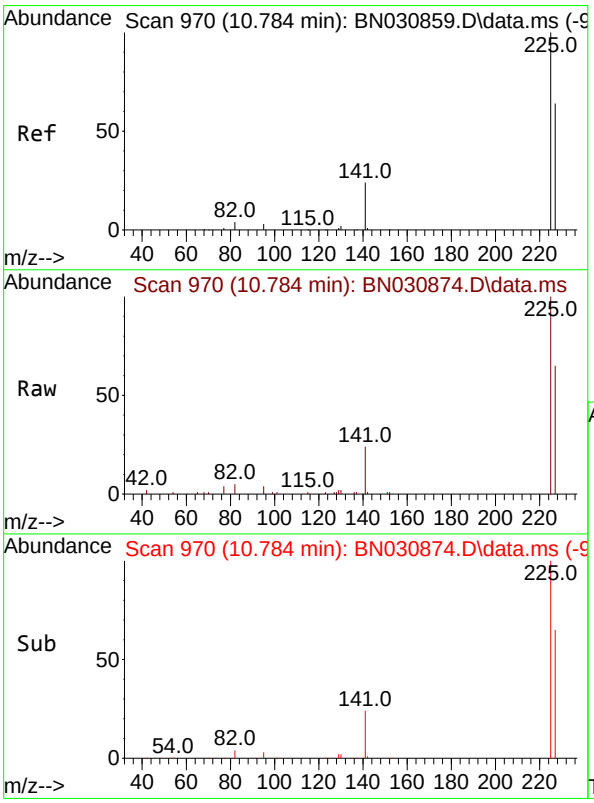
#9
Naphthalene
Concen: 1.066 ng
RT: 10.496 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:128 Resp: 54787

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.0	10.7	16.1

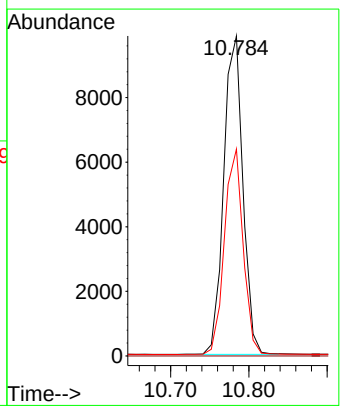


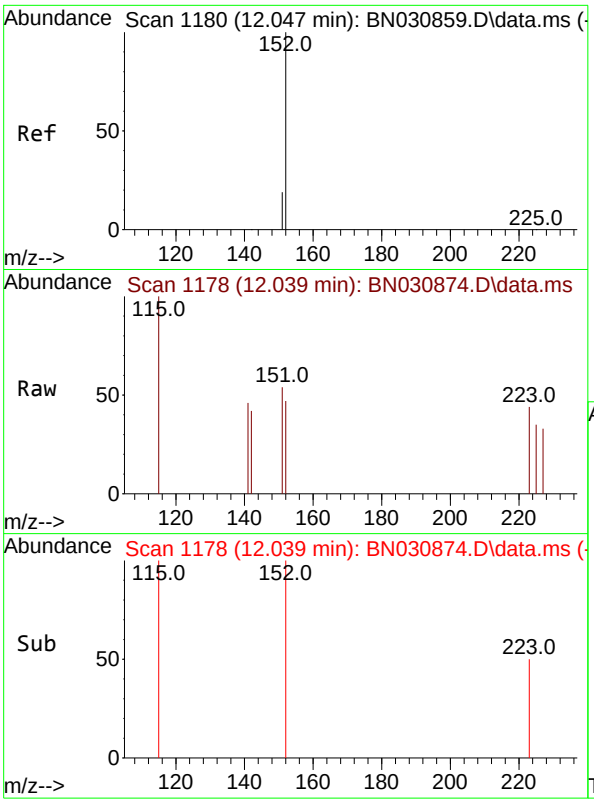


#10
Hexachlorobutadiene
Concen: 1.632 ng
RT: 10.784 min Scan# 970
Delta R.T. -0.000 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Tgt Ion:225 Resp: 16745

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	51.2	76.8



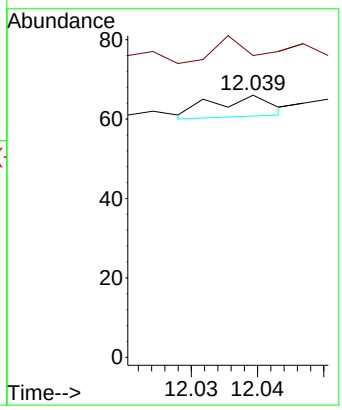


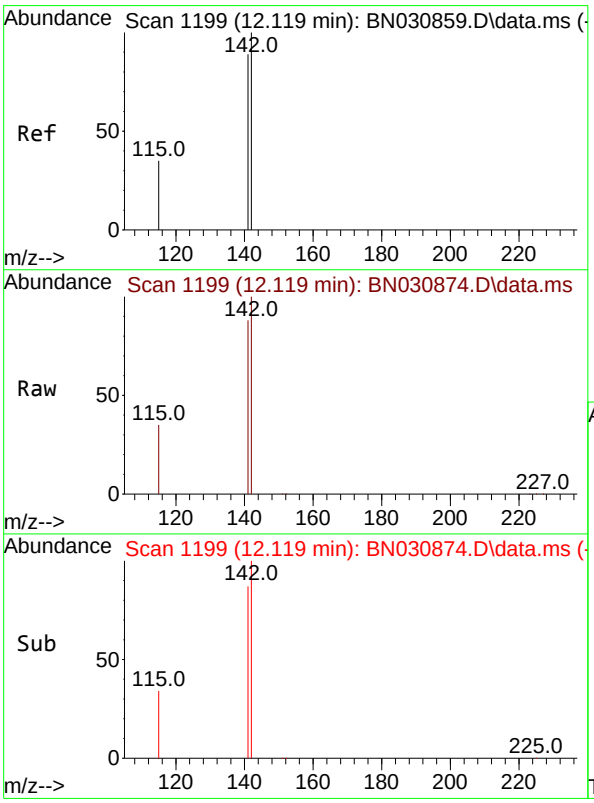
#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.039 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:152 Resp: 3

Ion	Ratio	Lower	Upper
152	100		
151	100.0	16.6	24.8#

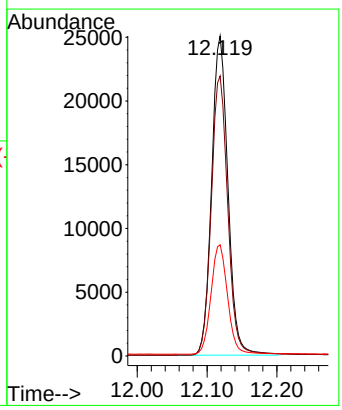


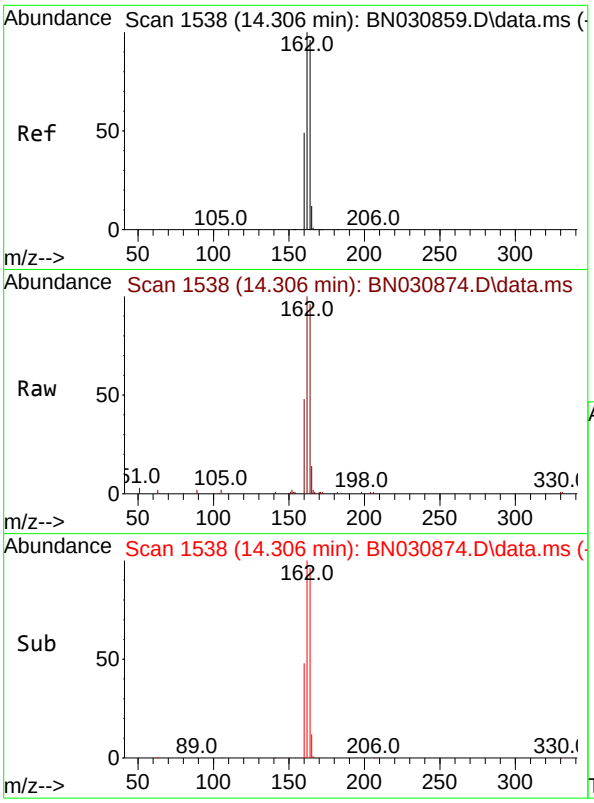


#12
2-Methylnaphthalene
Concen: 1.213 ng
RT: 12.119 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Tgt Ion:142 Resp: 40781

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.4	107.0
115	34.7	29.1	43.7



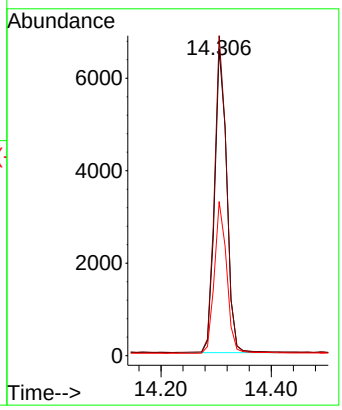


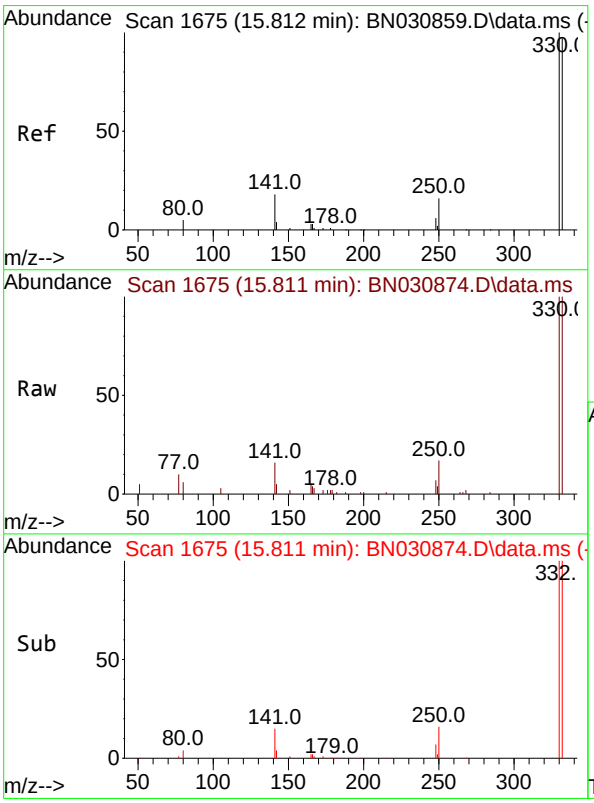
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.306 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:164 Resp: 10025

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.7	125.5
160	50.2	41.4	62.0

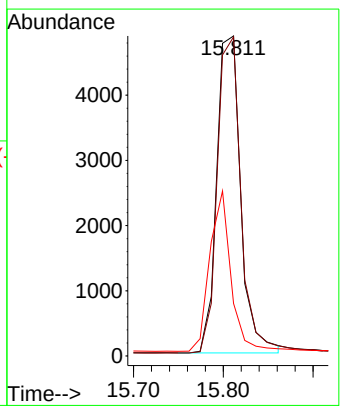


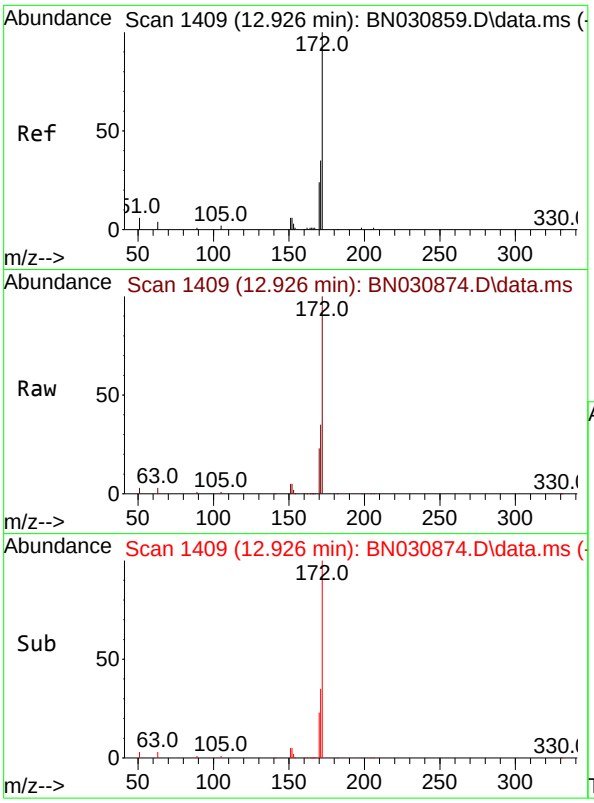


#14
2,4,6-Tribromophenol
Concen: 2.229 ng
RT: 15.811 min Scan# 1675
Delta R.T. -0.000 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Tgt Ion:330 Resp: 9051

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.4	114.6
141	44.4	36.7	55.1



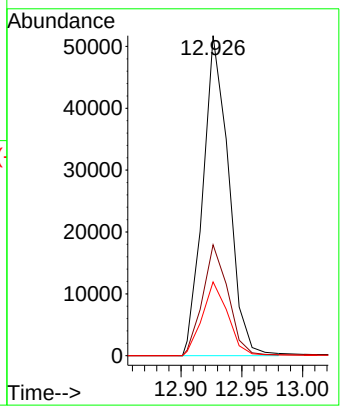


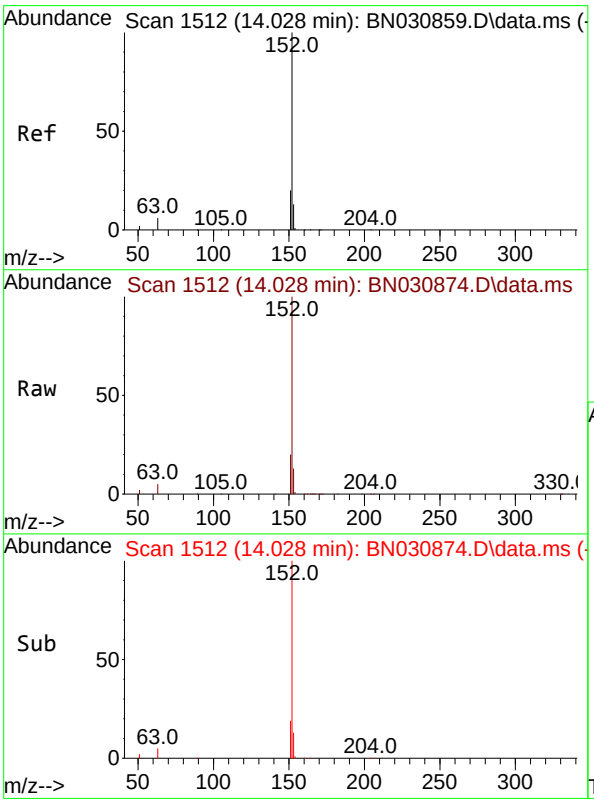
#15
2-Fluorobiphenyl
Concen: 1.846 ng
RT: 12.926 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:172 Resp: 65581

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.4	42.6
170	23.1	19.5	29.3

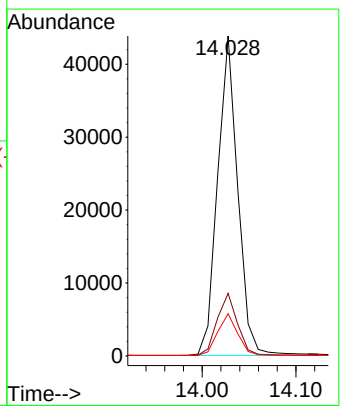


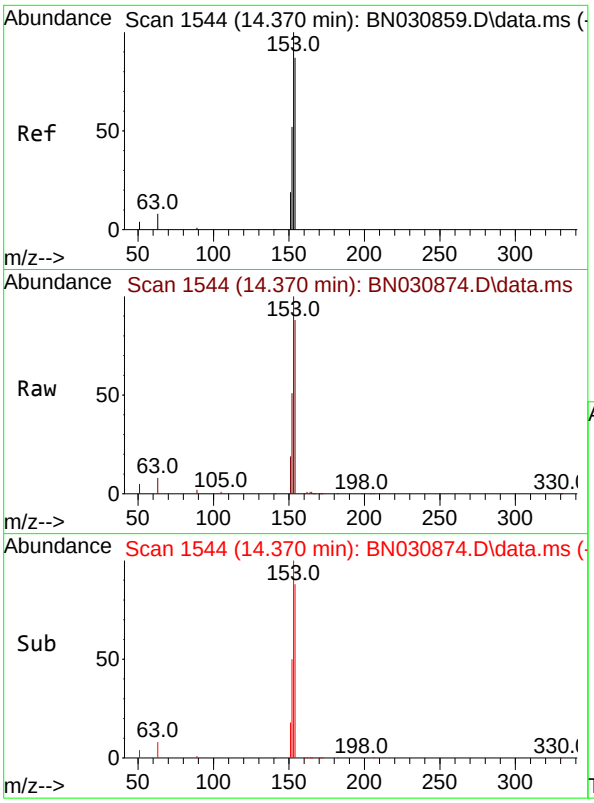


#16
Acenaphthylene
Concen: 1.491 ng
RT: 14.028 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Tgt Ion:152 Resp: 65320

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.1	10.3	15.5



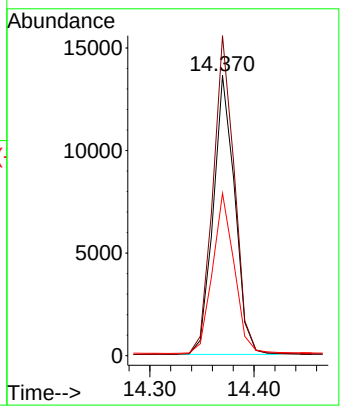


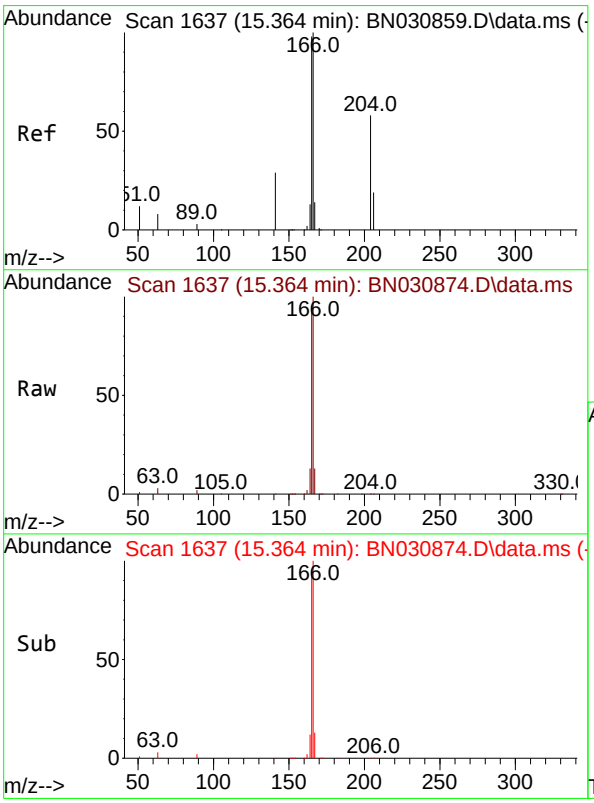
#17
Acenaphthene
Concen: 0.632 ng
RT: 14.370 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:154 Resp: 19567

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.7	137.5
152	57.7	47.0	70.6

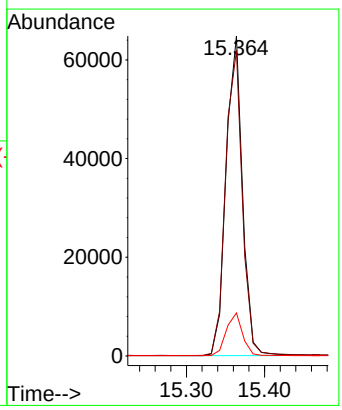


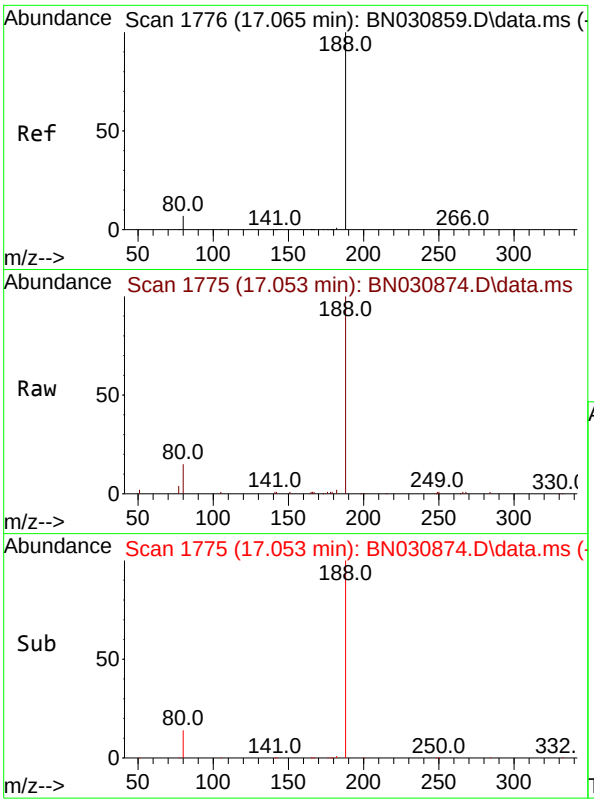


#18
Fluorene
Concen: 2.318 ng
RT: 15.364 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Tgt Ion:166 Resp: 94310

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.9	116.9
167	13.3	10.9	16.3



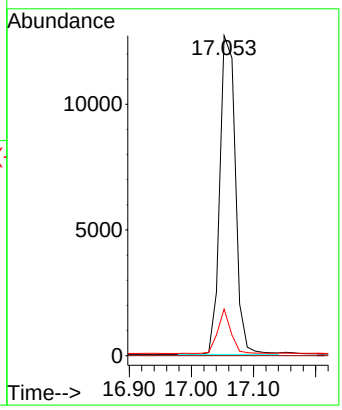


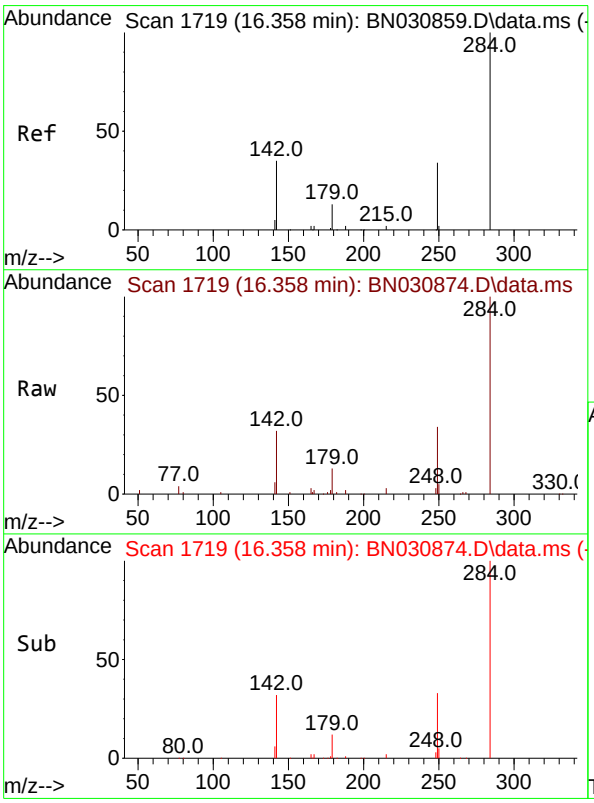
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.053 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:188 Resp: 22103

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.5	5.8	8.6#

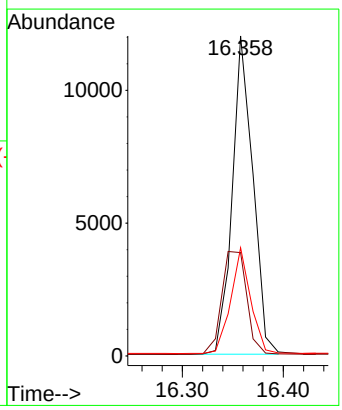


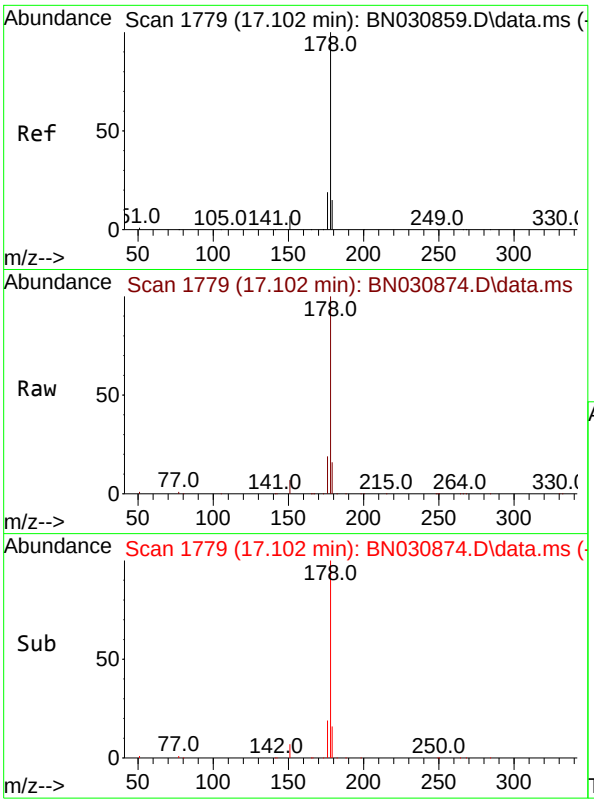


#22
Hexachlorobenzene
Concen: 1.124 ng
RT: 16.358 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Tgt Ion:284 Resp: 17048

Ion	Ratio	Lower	Upper
284	100		
142	39.1	31.6	47.4
249	32.0	26.0	39.0



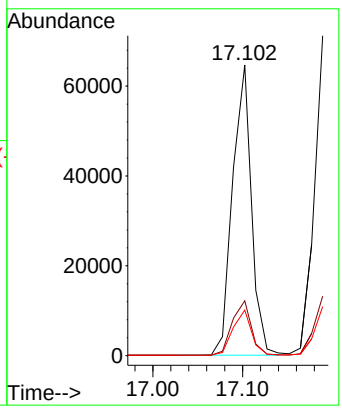


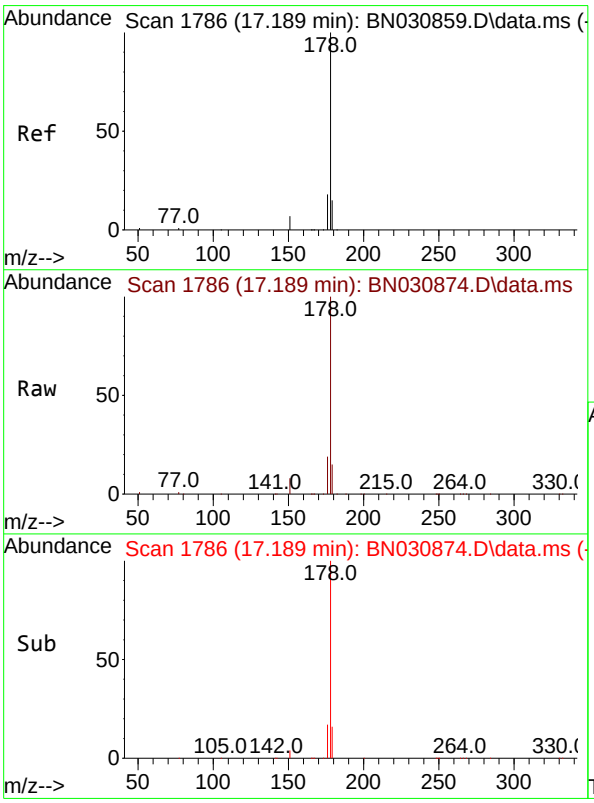
#25
Phenanthrene
Concen: 1.464 ng
RT: 17.102 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:178 Resp: 94721

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.3	12.3	18.5

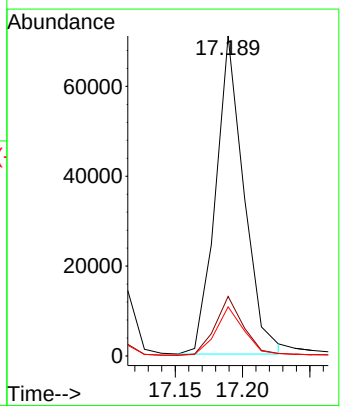


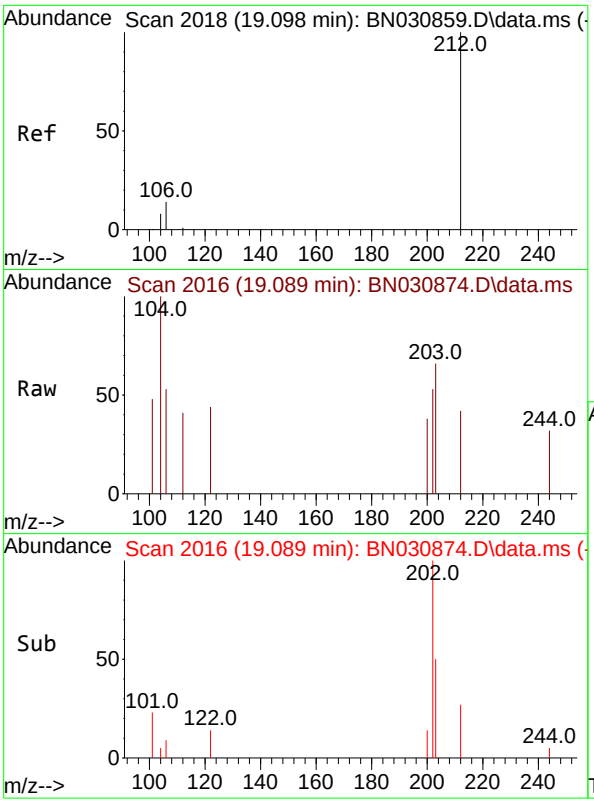


#26
Anthracene
Concen: 1.918 ng
RT: 17.189 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Tgt Ion:178 Resp: 103684

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.2	12.2	18.2



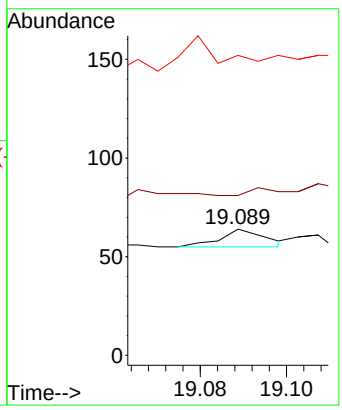


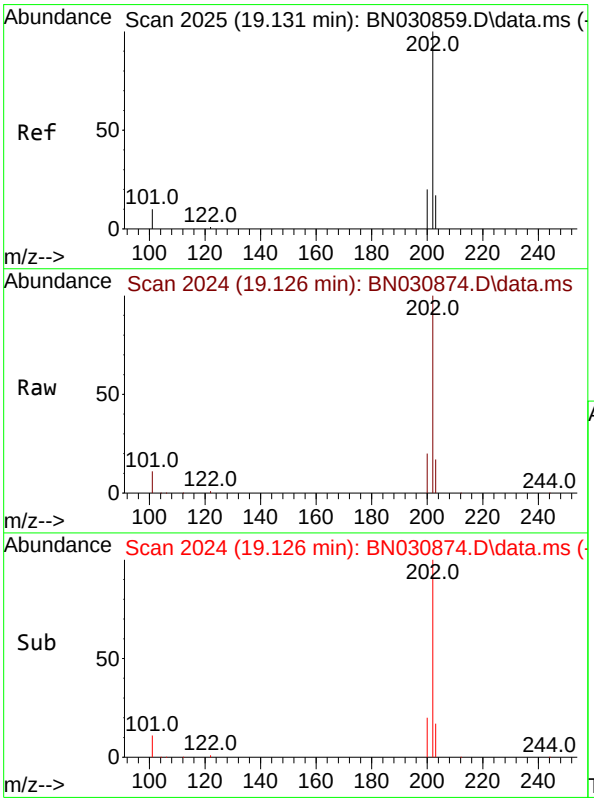
#27
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.089 min Scan# 2(
Delta R.T. -0.009 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:212 Resp: 6

Ion	Ratio	Lower	Upper
212	100		
106	0.0	11.8	17.8#
104	200.0	6.6	10.0#

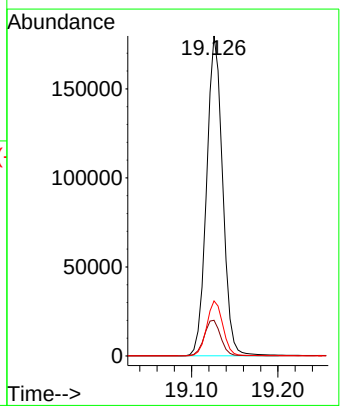


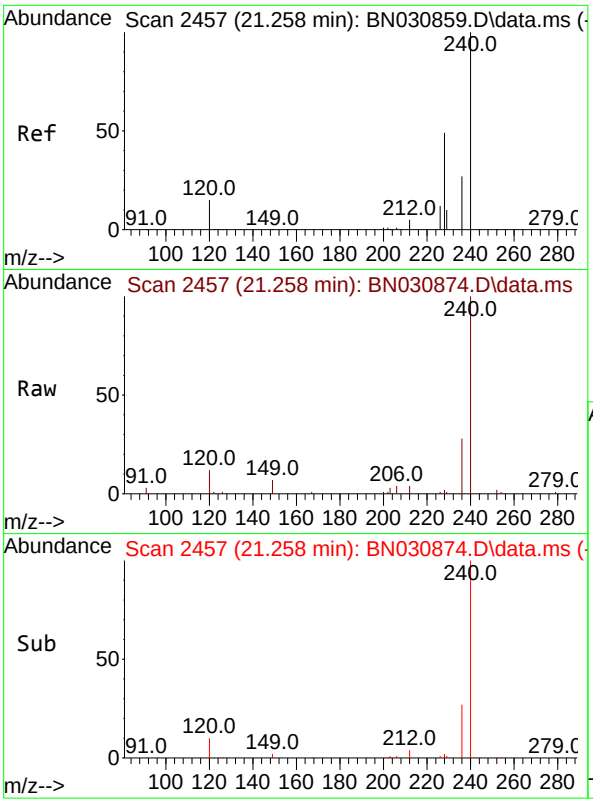


#28
Fluoranthene
Concen: 2.905 ng
RT: 19.126 min Scan# 2024
Delta R.T. -0.005 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Tgt Ion:202 Resp: 232571

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.4	14.2
203	17.2	13.7	20.5



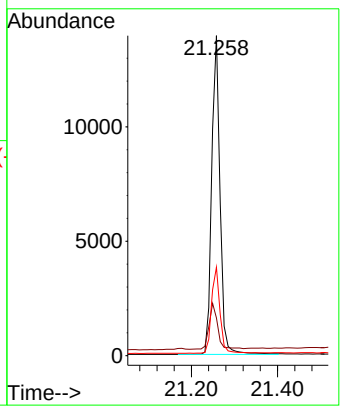


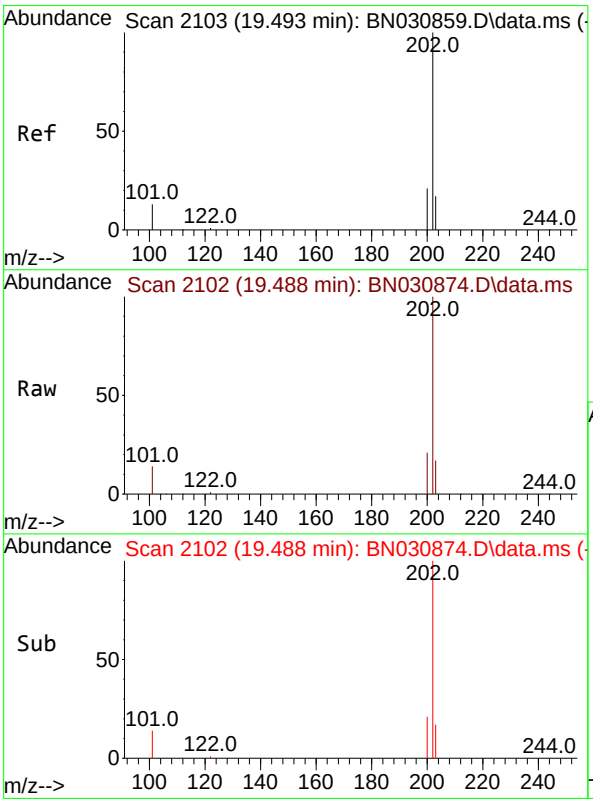
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.258 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:240 Resp: 18841

Ion	Ratio	Lower	Upper
240	100		
120	11.8	13.5	20.3#
236	27.6	22.2	33.2

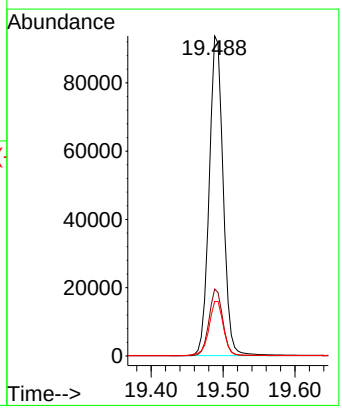


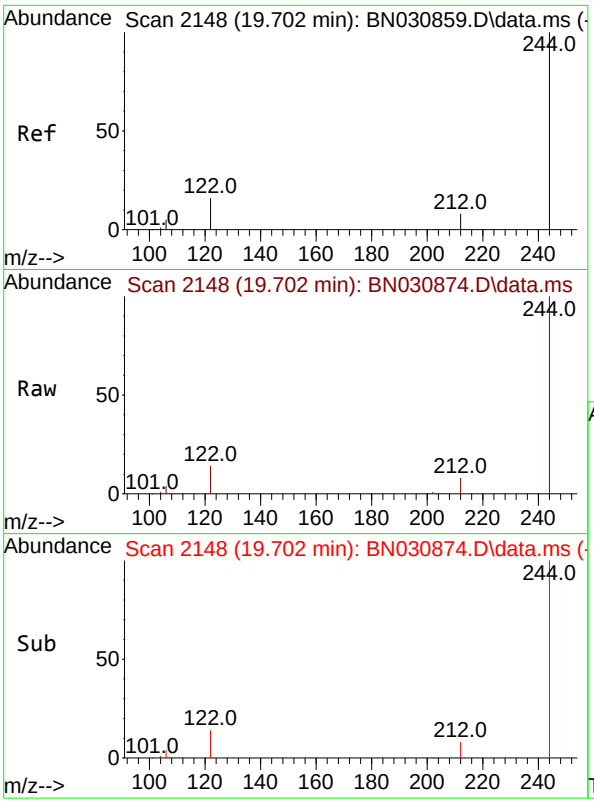


#30
Pyrene
Concen: 1.772 ng
RT: 19.488 min Scan# 2102
Delta R.T. -0.005 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Tgt Ion:202 Resp: 125544

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.7	14.4	21.6



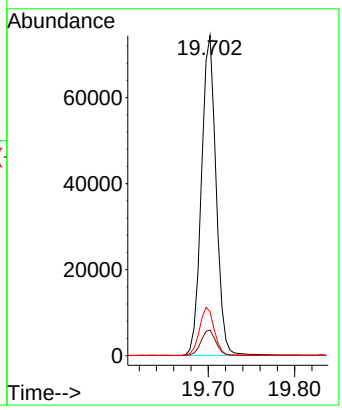


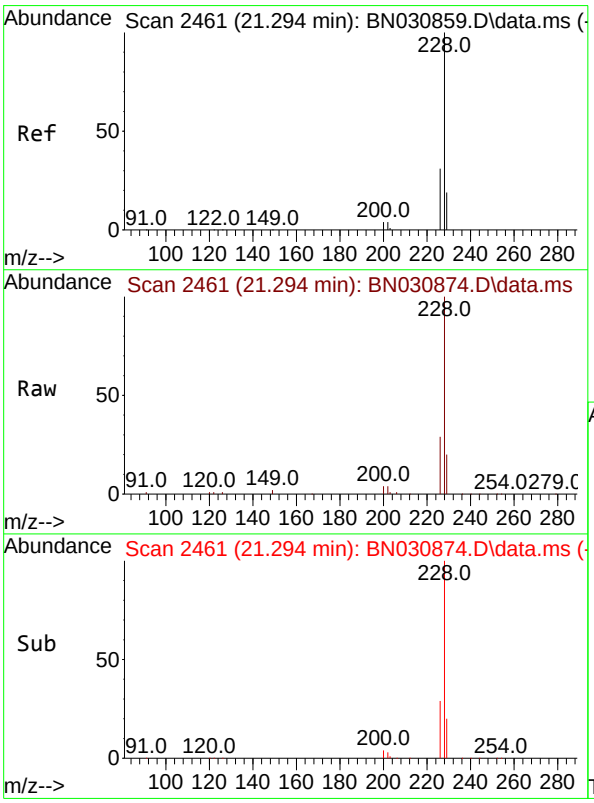
#31
Terphenyl-d14
Concen: 2.055 ng
RT: 19.702 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:244 Resp: 88014

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.7	10.1
122	13.8	12.8	19.2

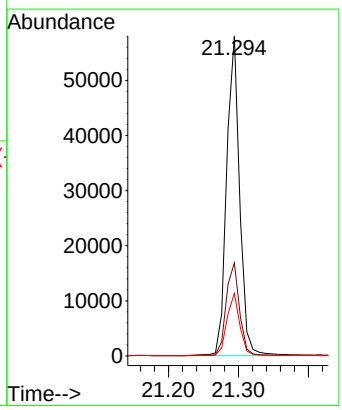


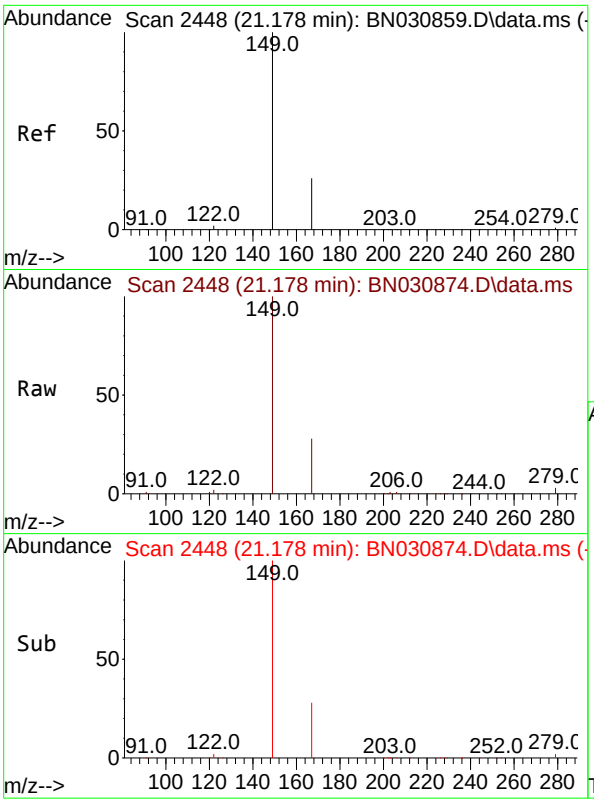


#33
Chrysene
Concen: 1.069 ng
RT: 21.294 min Scan# 2461
Delta R.T. -0.000 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Tgt Ion:228 Resp: 74803

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.6	36.8
229	19.6	15.2	22.8



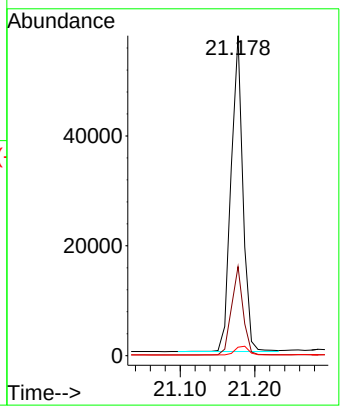


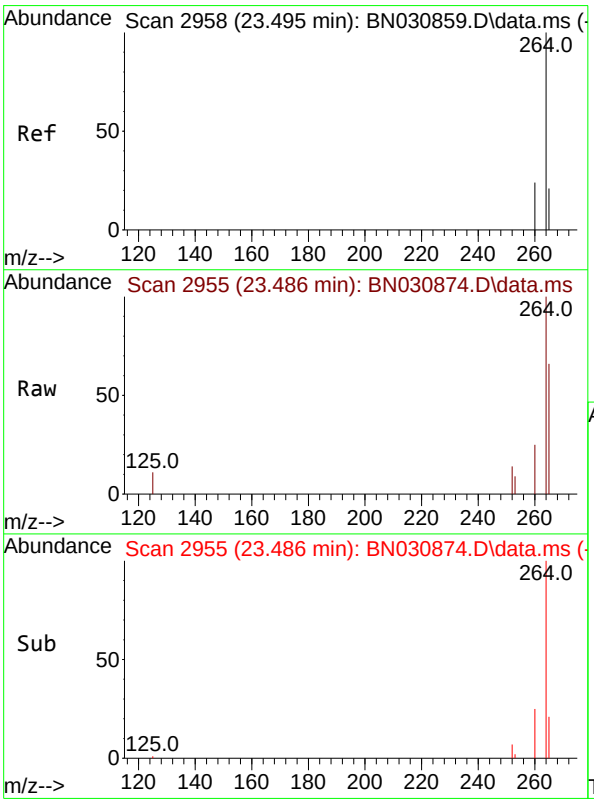
#34
Bis(2-ethylhexyl)phthalate
Concen: 2.221 ng
RT: 21.178 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:149 Resp: 63294

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.4	32.0
279	3.3	2.6	4.0

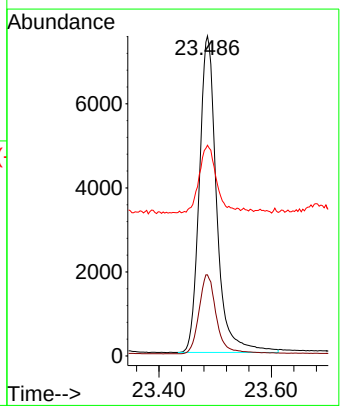


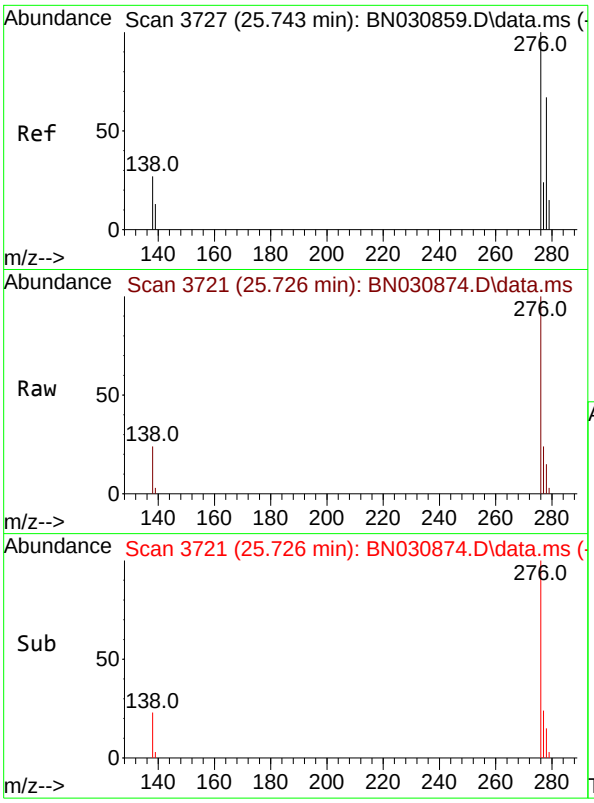


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.486 min Scan# 2955
Delta R.T. -0.009 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Tgt Ion:264 Resp: 16129

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.8	29.8
265	65.9	42.5	63.7#



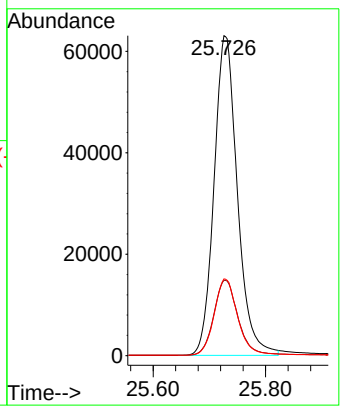


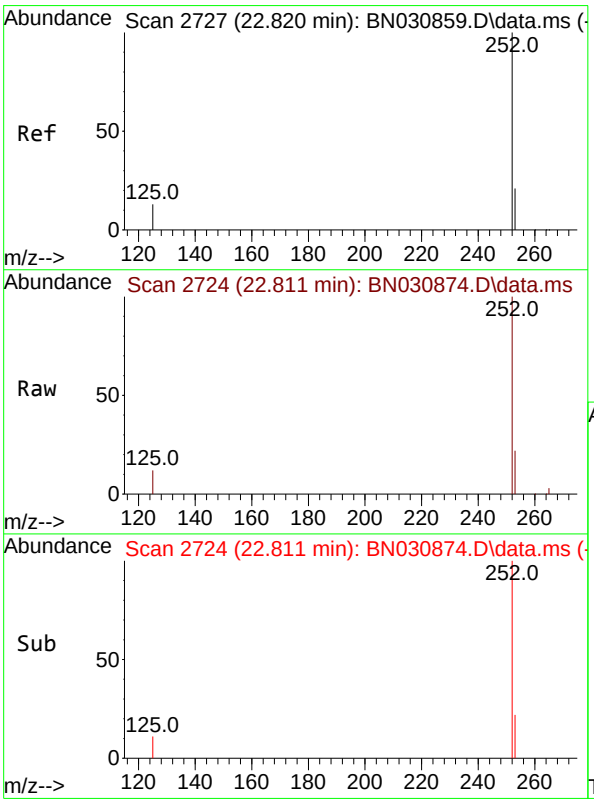
#36
Indeno(1,2,3-cd)pyrene
Concen: 2.882 ng
RT: 25.726 min Scan# 3
Delta R.T. -0.018 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:276 Resp: 181782

Ion	Ratio	Lower	Upper
276	100		
138	24.2	22.2	33.4
277	24.0	20.0	30.0

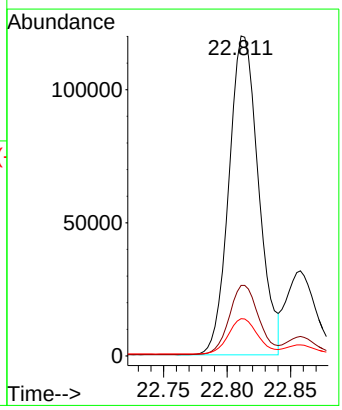


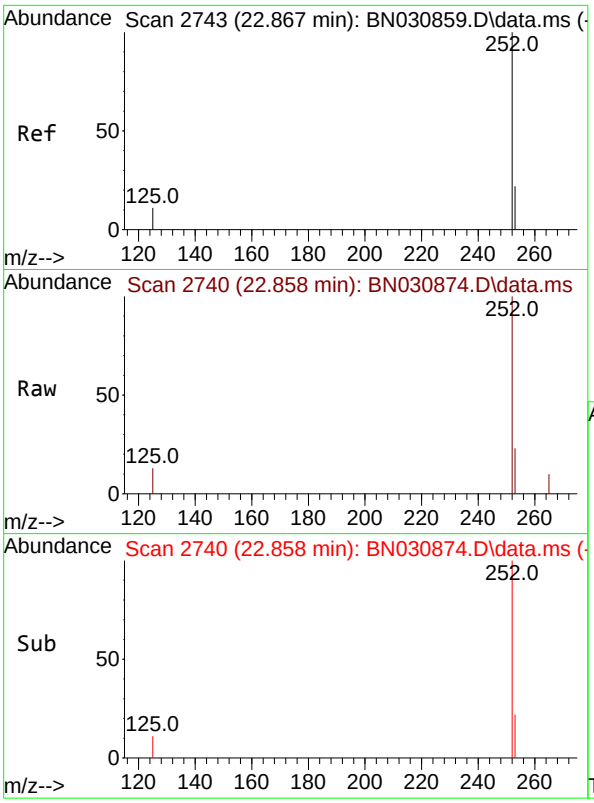


#37
Benzo(b)fluoranthene
Concen: 2.721 ng
RT: 22.811 min Scan# 2724
Delta R.T. -0.009 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Tgt Ion:252 Resp: 194343

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.8	28.2
125	11.7	13.0	19.6#



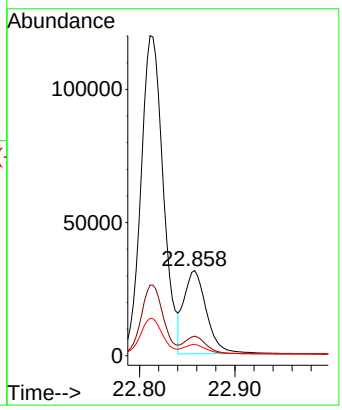


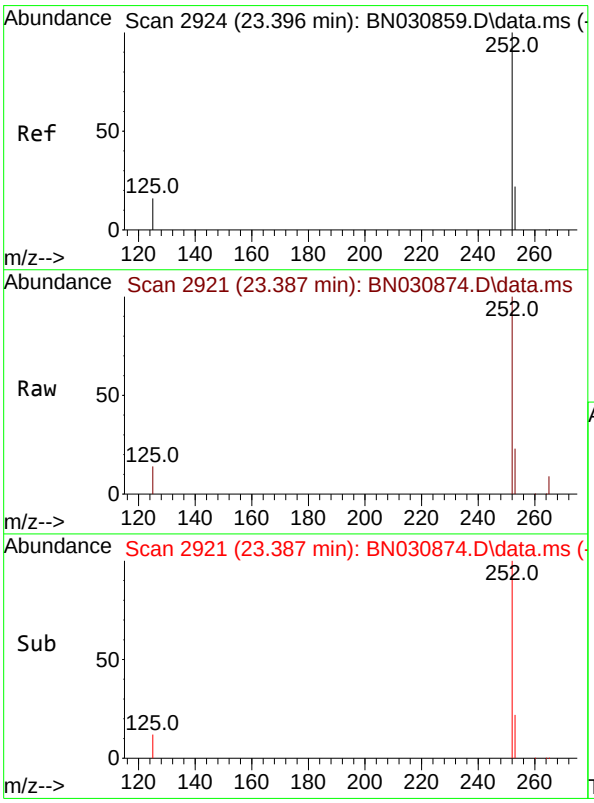
#38
Benzo(k)fluoranthene
Concen: 0.764 ng
RT: 22.858 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:252 Resp: 51479

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.1	28.7
125	13.0	11.6	17.4

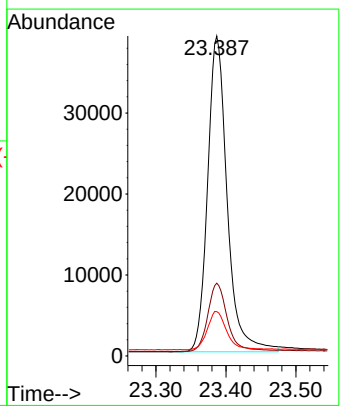


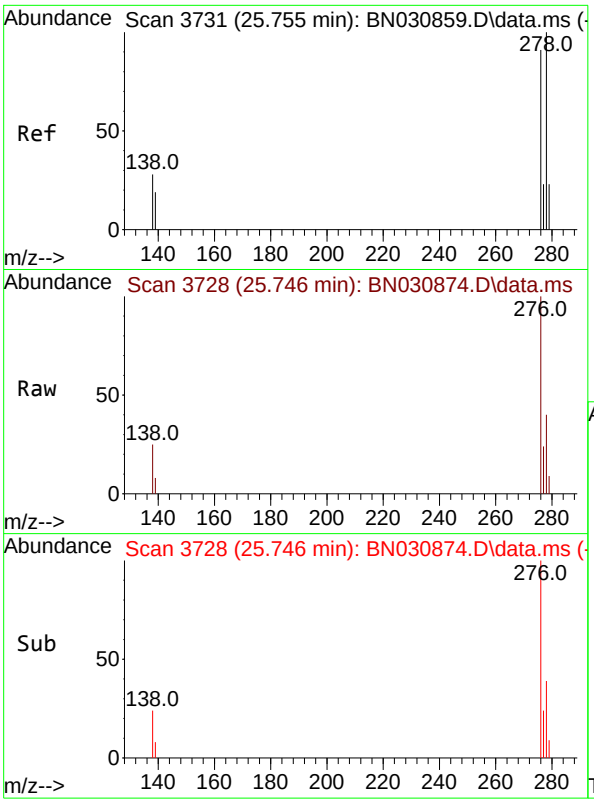


#39
Benzo(a)pyrene
Concen: 1.378 ng
RT: 23.387 min Scan# 2921
Delta R.T. -0.009 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Tgt Ion:252 Resp: 75794

Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.2	30.4
125	13.8	16.6	25.0#



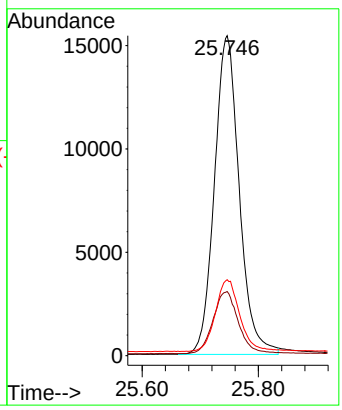


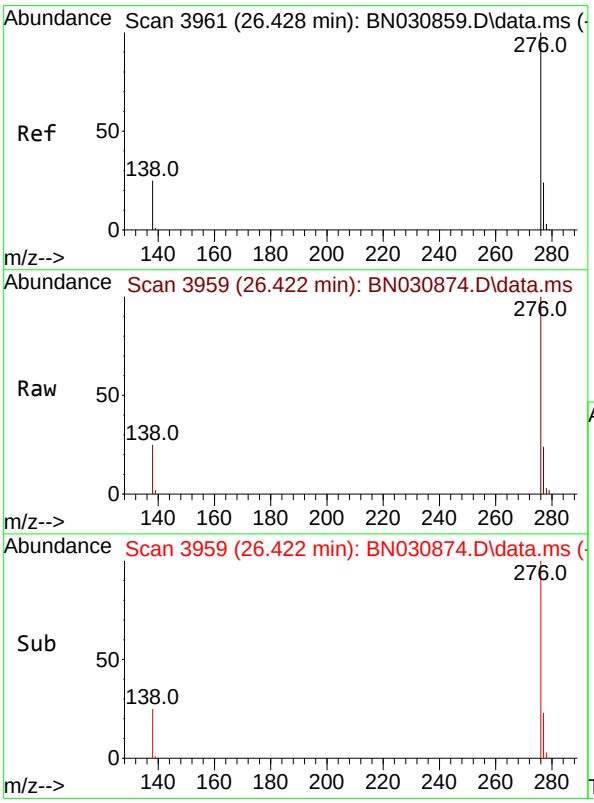
#40
Dibenzo(a,h)anthracene
Concen: 0.912 ng
RT: 25.746 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:278 Resp: 45722

Ion	Ratio	Lower	Upper
278	100		
139	20.1	16.5	24.7
279	23.8	20.6	30.8





#41
Benzo(g,h,i)perylene
Concen: 0.520 ng
RT: 26.422 min Scan# 3959
Delta R.T. -0.006 min
Lab File: BN030874.D
Acq: 12 Apr 2024 23:23

Tgt Ion:276 Resp: 28216

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.8
138	25.4	21.2	31.8