Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122023\
Data File : BN029138.D
Acq On : 20 Dec 2023 17:13
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Quant Time: Dec 20 18:04:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 18:03:30 2023
Response via : Initial Calibration

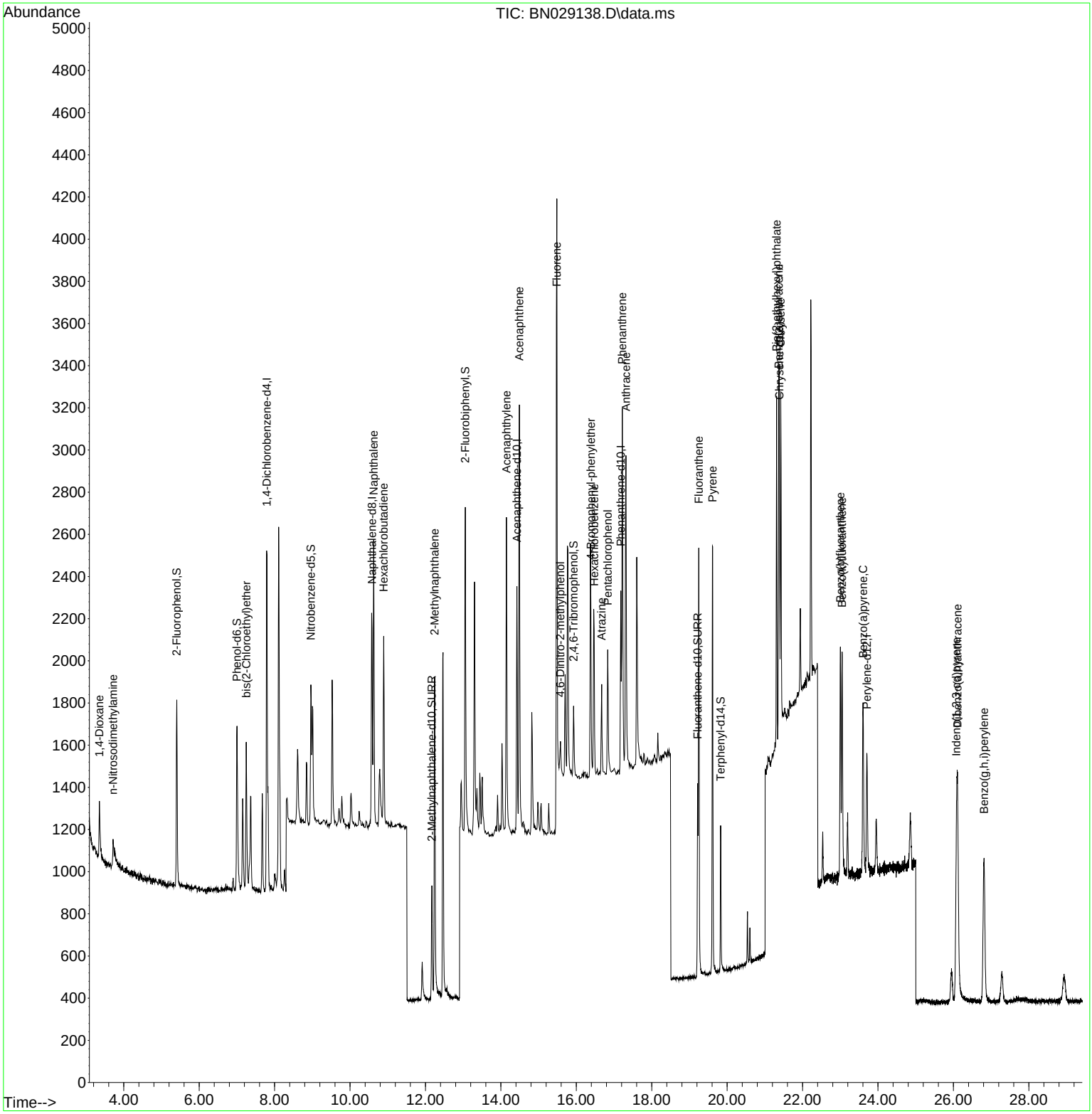
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	852	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	1497	0.400	ng	0.00
13) Acenaphthene-d10	14.426	164	709	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1269	0.400	ng	# 0.00
29) Chrysene-d12	21.385	240	686	0.400	ng	0.00
35) Perylene-d12	23.704	264	772	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	773	0.379	ng	0.00
5) Phenol-d6	7.002	99	827	0.369	ng	0.00
8) Nitrobenzene-d5	8.961	82	684	0.351	ng	0.00
11) 2-Methylnaphthalene-d10	12.170	152	835	0.368	ng	0.00
14) 2,4,6-Tribromophenol	15.927	330	233	0.376	ng	0.00
15) 2-Fluorobiphenyl	13.057	172	1509	0.364	ng	0.00
27) Fluoranthene-d10	19.220	212	1142	0.372	ng	0.00
31) Terphenyl-d14	19.828	244	692	0.367	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	250	0.311	ng	# 86
3) n-Nitrosodimethylamine	3.716	42	170	0.309	ng	# 91
6) bis(2-Chloroethyl)ether	7.248	93	632	0.363	ng	97
9) Naphthalene	10.626	128	1783	0.366	ng	99
10) Hexachlorobutadiene	10.893	225	610	0.380	ng	# 98
12) 2-Methylnaphthalene	12.242	142	1166	0.366	ng	98
16) Acenaphthylene	14.148	152	1811	0.362	ng	98
17) Acenaphthene	14.490	154	1088	0.363	ng	97
18) Fluorene	15.484	166	1524	0.377	ng	94
20) 4,6-Dinitro-2-methylph...	15.580	198	196	0.387	ng	# 82
21) 4-Bromophenyl-phenylether	16.387	248	454	0.346	ng	96
22) Hexachlorobenzene	16.474	284	572	0.374	ng	95
23) Atrazine	16.672	200	401	0.364	ng	95
24) Pentachlorophenol	16.833	266	323	0.357	ng	93
25) Phenanthrene	17.218	178	1935	0.370	ng	98
26) Anthracene	17.318	178	1892	0.374	ng	99
28) Fluoranthene	19.248	202	1952	0.361	ng	# 98
30) Pyrene	19.615	202	2016	0.373	ng	99
32) Benzo(a)anthracene	21.367	228	1406	0.373	ng	98
33) Chrysene	21.420	228	1323	0.355	ng	99
34) Bis(2-ethylhexyl)phtha...	21.313	149	1612	0.342	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.081	276	1863	0.375	ng	# 83
37) Benzo(b)fluoranthene	23.002	252	1507	0.384	ng	97
38) Benzo(k)fluoranthene	23.049	252	1394	0.363	ng	97
39) Benzo(a)pyrene	23.604	252	1336	0.381	ng	96
40) Dibenzo(a,h)anthracene	26.107	278	1460	0.382	ng	96
41) Benzo(g,h,i)perylene	26.812	276	1595	0.379	ng	99

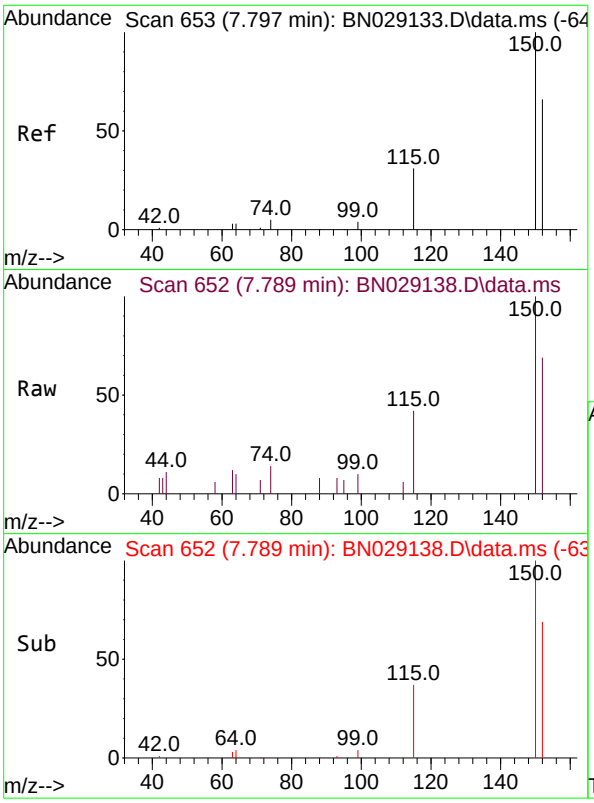
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122023\
Data File : BN029138.D
Acq On : 20 Dec 2023 17:13
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Quant Time: Dec 20 18:04:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 18:03:30 2023
Response via : Initial Calibration



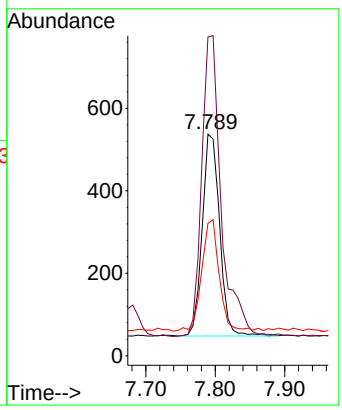


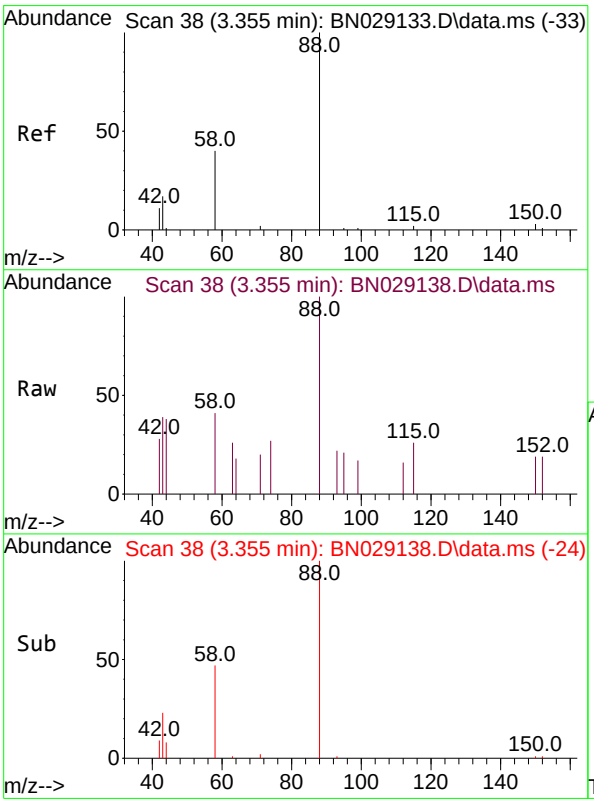
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Tgt Ion:152 Resp: 852

Ion	Ratio	Lower	Upper
152	100		
150	143.9	117.6	176.4
115	59.8	44.2	66.2

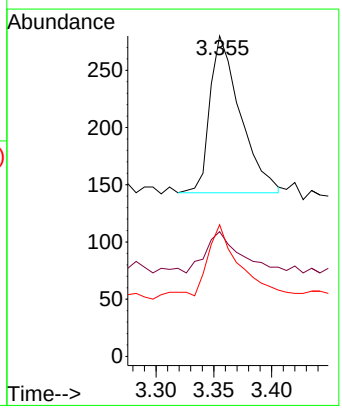


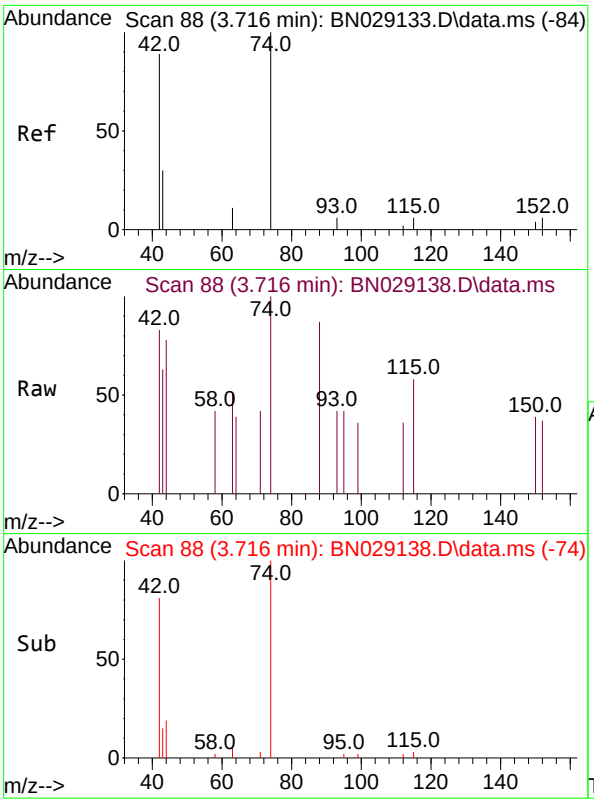


#2
1,4-Dioxane
Concen: 0.311 ng
RT: 3.355 min Scan# 38
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Tgt Ion: 88 Resp: 250

Ion	Ratio	Lower	Upper
88	100		
43	31.2	20.1	30.1#
58	54.4	35.4	53.2#



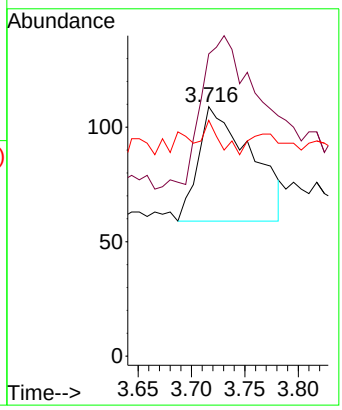


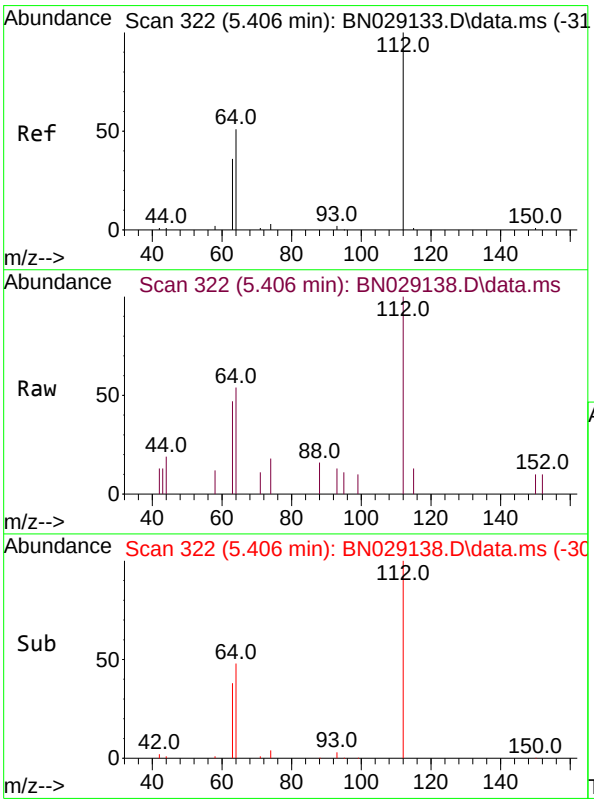
#3
n-Nitrosodimethylamine
Concen: 0.309 ng
RT: 3.716 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Tgt Ion: 42 Resp: 170

Ion	Ratio	Lower	Upper
42	100		
74	139.4	103.0	154.4
44	9.4	3.2	4.8#

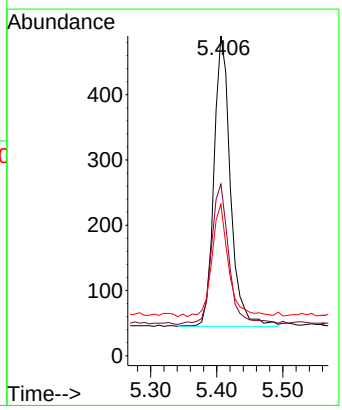


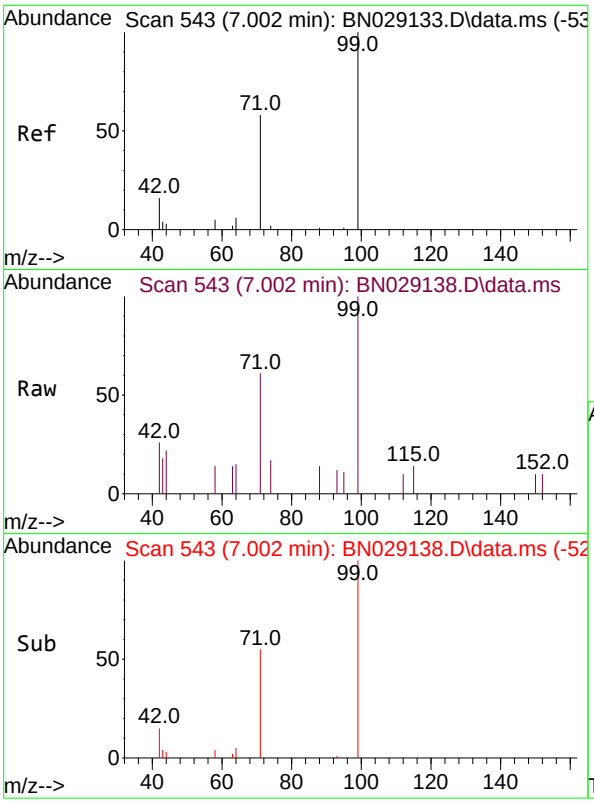


#4
2-Fluorophenol
Concen: 0.379 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Tgt Ion:112 Resp: 773

Ion	Ratio	Lower	Upper
112	100		
64	51.2	38.6	58.0
63	38.9	30.0	45.0



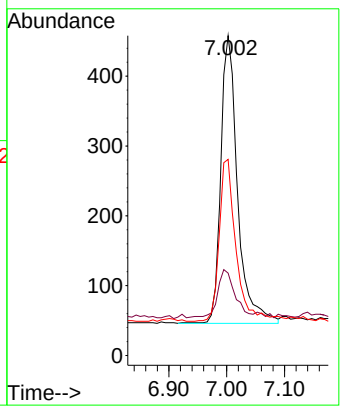


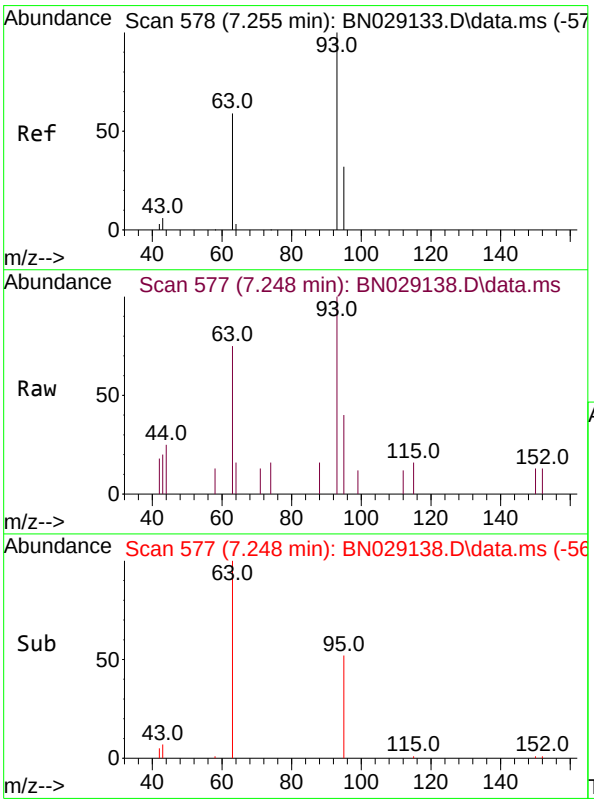
#5
Phenol-d6
Concen: 0.369 ng
RT: 7.002 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Tgt Ion: 99 Resp: 827

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.8	20.6
71	56.6	45.4	68.2

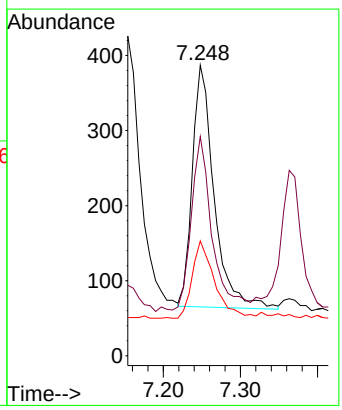


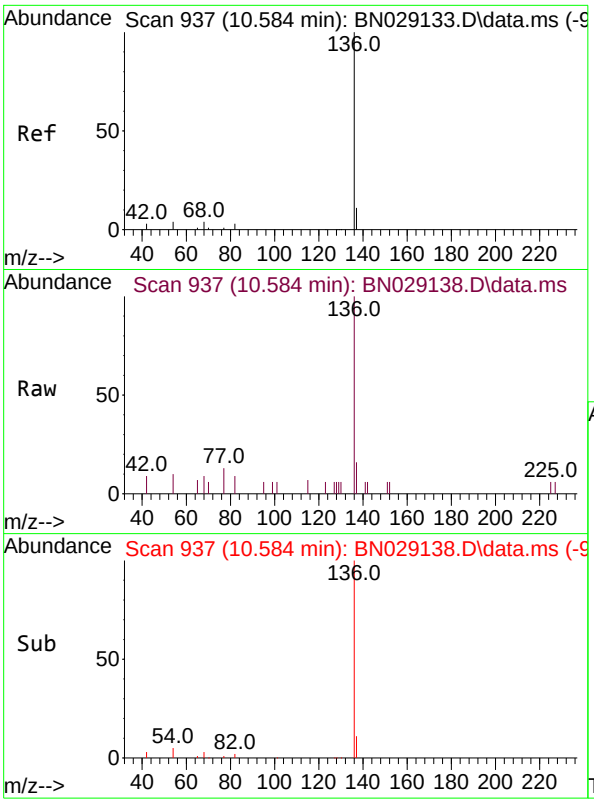


#6
bis(2-Chloroethyl)ether
Concen: 0.363 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Tgt Ion: 93 Resp: 632

Ion	Ratio	Lower	Upper
93	100		
63	68.4	57.0	85.6
95	32.9	27.4	41.2



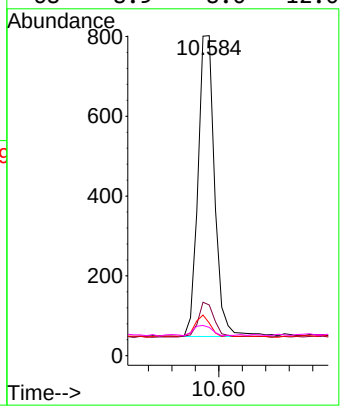


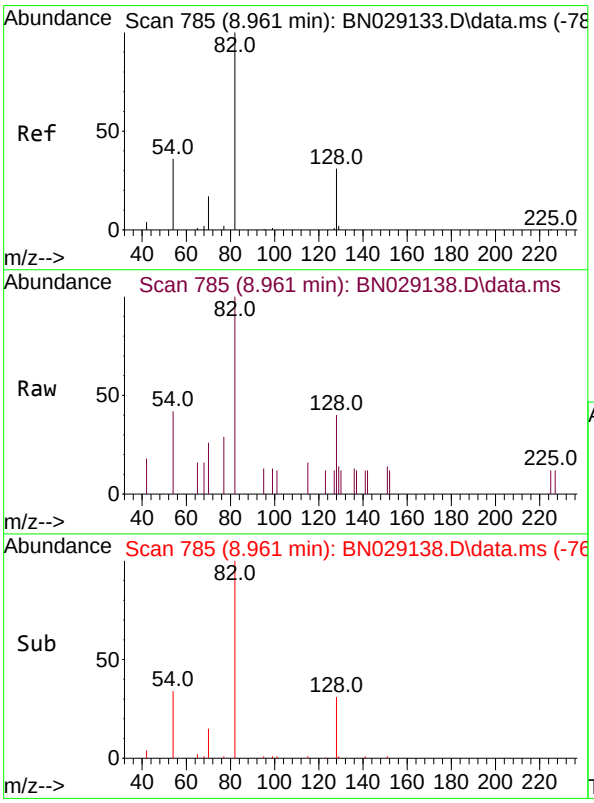
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Tgt Ion:136 Resp: 1497

Ion	Ratio	Lower	Upper
136	100		
137	15.8	13.4	20.0
54	10.2	8.6	13.0
68	8.9	8.0	12.0

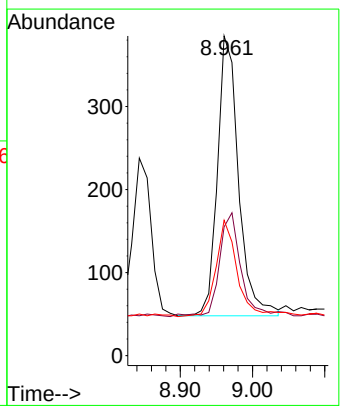


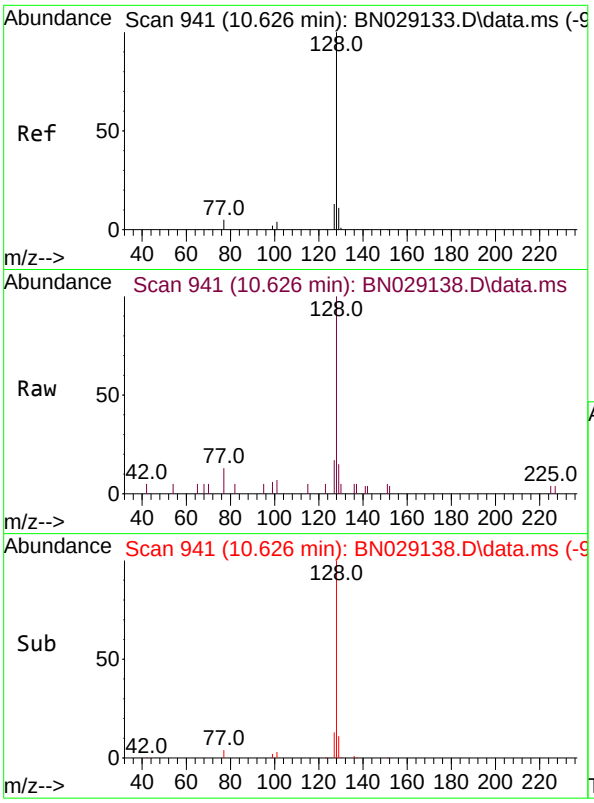


#8
Nitrobenzene-d5
Concen: 0.351 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Tgt Ion: 82 Resp: 684

Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.0	49.4
54	42.3	35.8	53.8



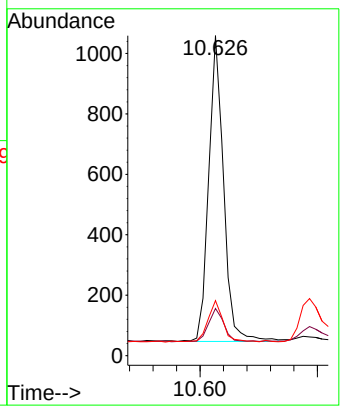


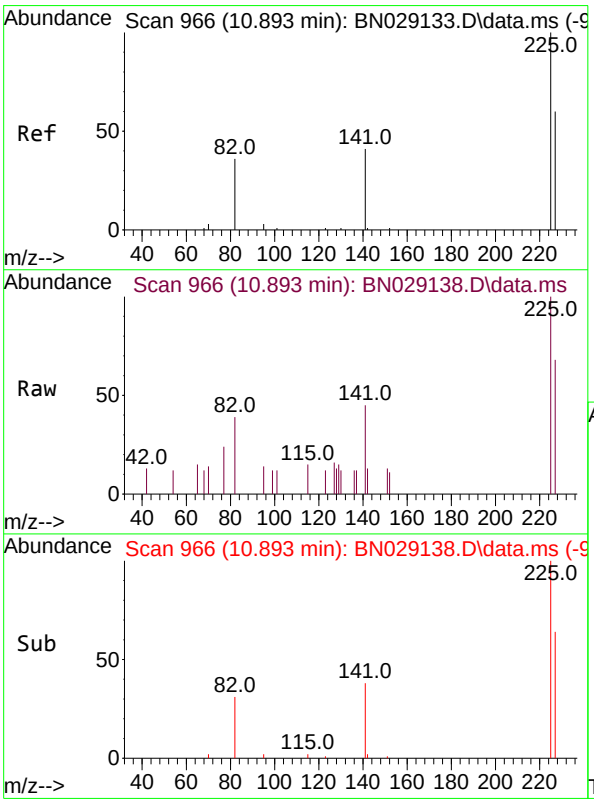
#9
Naphthalene
Concen: 0.366 ng
RT: 10.626 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Tgt Ion:128 Resp: 1783

Ion	Ratio	Lower	Upper
128	100		
129	14.7	12.0	18.0
127	17.2	14.1	21.1

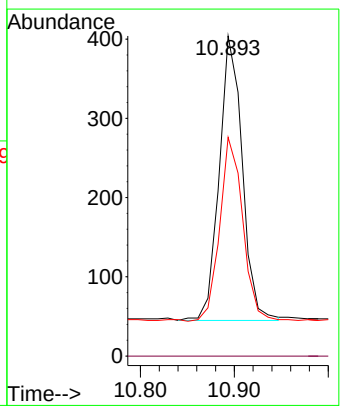


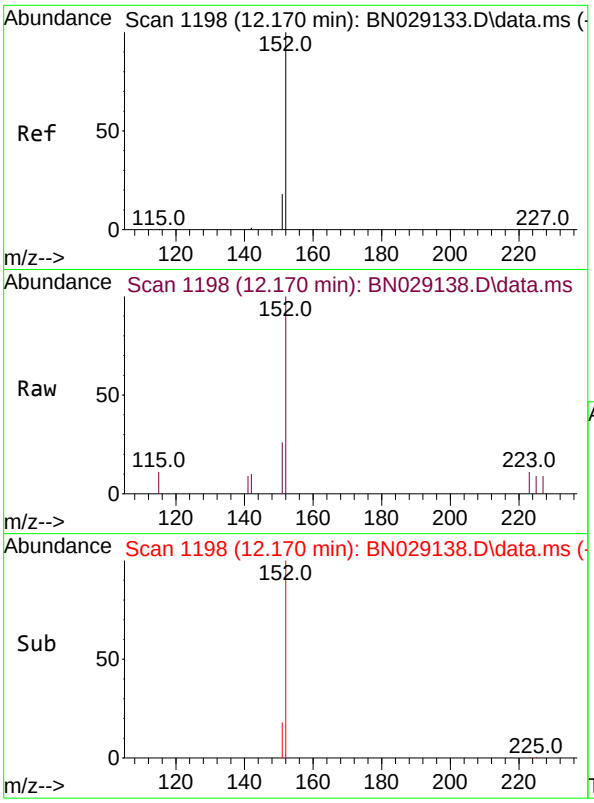


#10
Hexachlorobutadiene
Concen: 0.380 ng
RT: 10.893 min Scan# 966
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Tgt Ion:225 Resp: 610

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.9	50.6	75.8



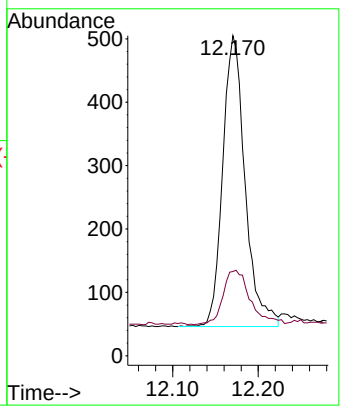


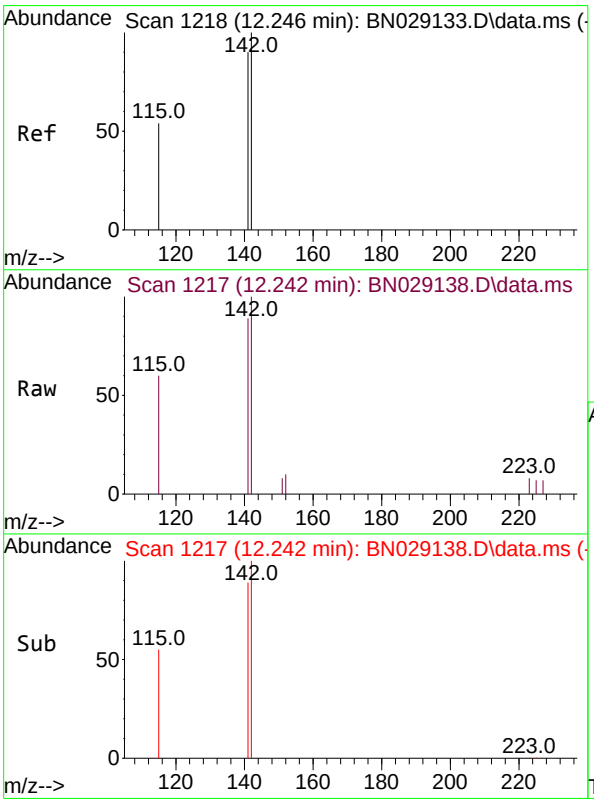
#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 12.170 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Tgt Ion:152 Resp: 835

Ion	Ratio	Lower	Upper
152	100		
151	22.9	17.4	26.2

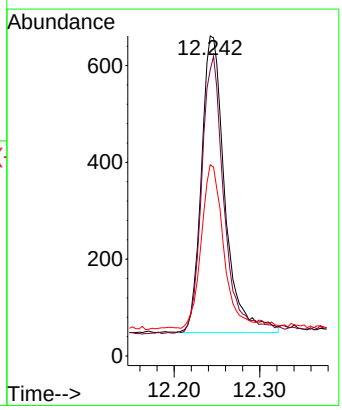


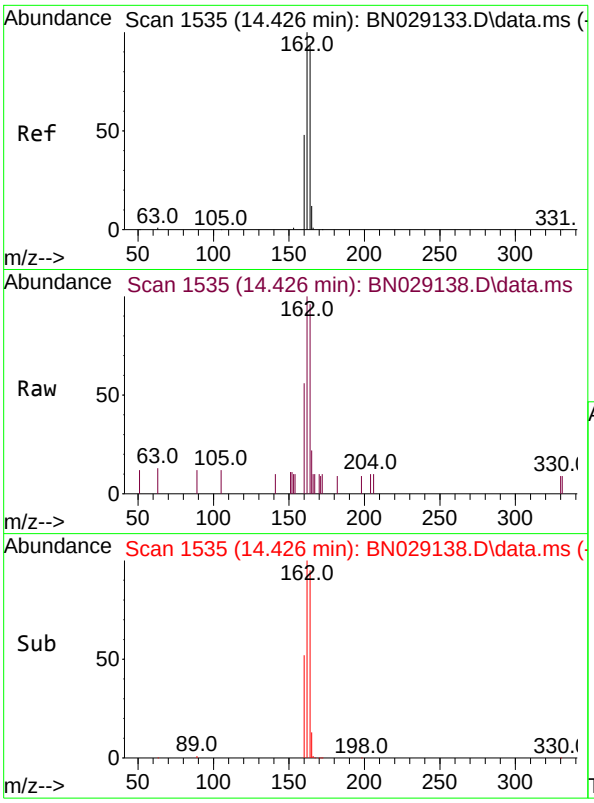


#12
2-Methylnaphthalene
Concen: 0.366 ng
RT: 12.242 min Scan# 1217
Delta R.T. -0.004 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Tgt Ion:142 Resp: 1166

Ion	Ratio	Lower	Upper
142	100		
141	89.4	73.0	109.4
115	59.8	46.8	70.2



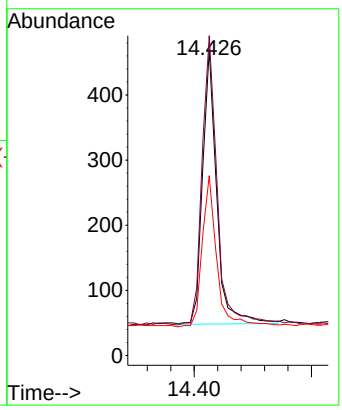


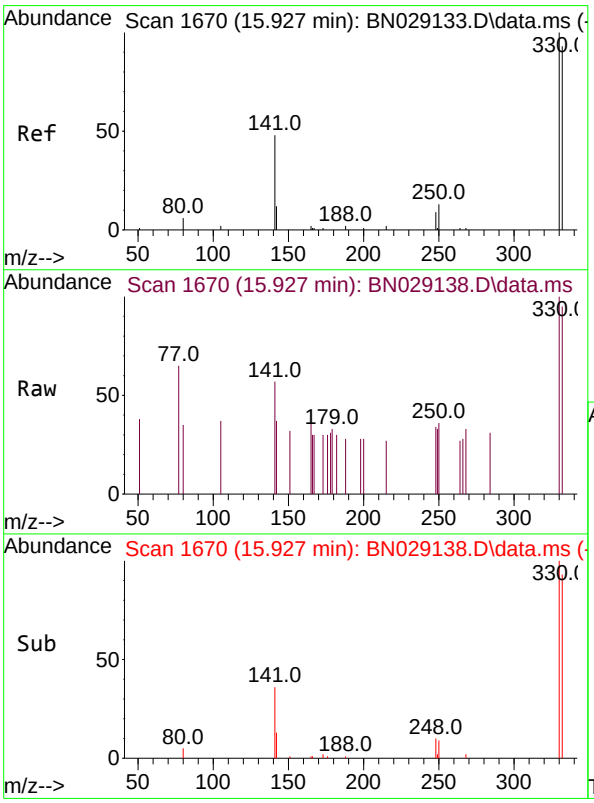
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Tgt Ion:164 Resp: 709

Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.0	127.4
160	58.7	45.8	68.8

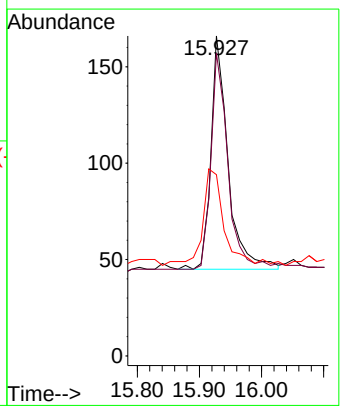


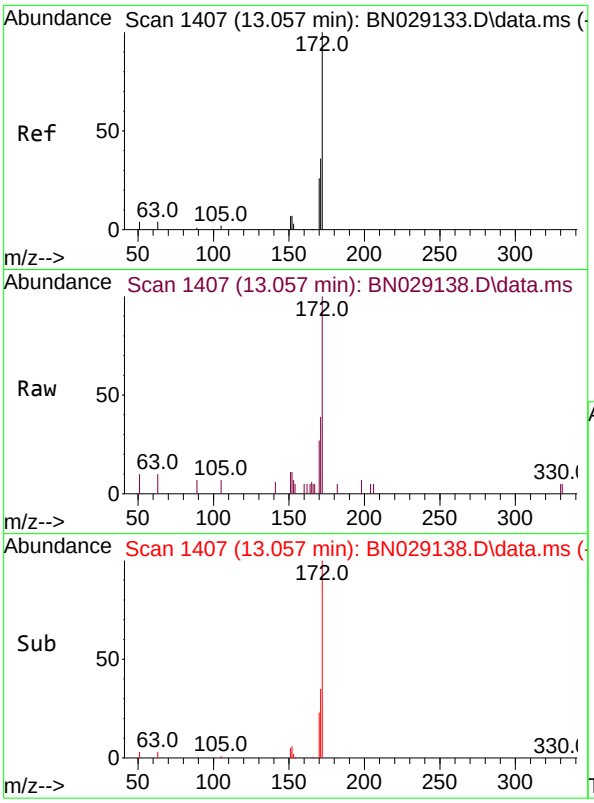


#14
2,4,6-Tribromophenol
Concen: 0.376 ng
RT: 15.927 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Tgt Ion:330 Resp: 233

Ion	Ratio	Lower	Upper
330	100		
332	91.0	83.4	125.0
141	45.9	43.8	65.8



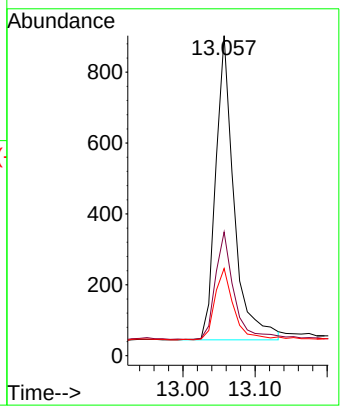


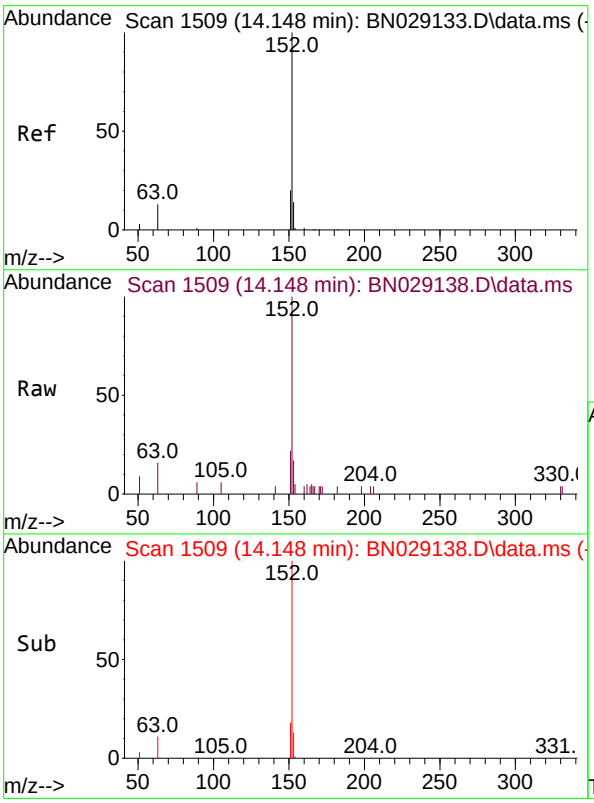
#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 13.057 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Tgt Ion:172 Resp: 1509

Ion	Ratio	Lower	Upper
172	100		
171	38.6	32.2	48.4
170	27.2	25.0	37.4

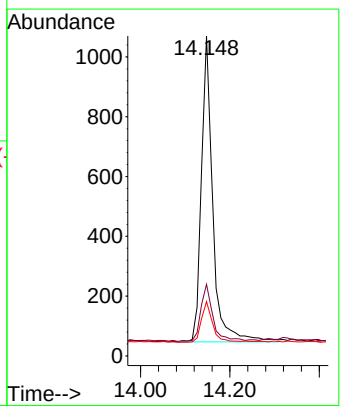


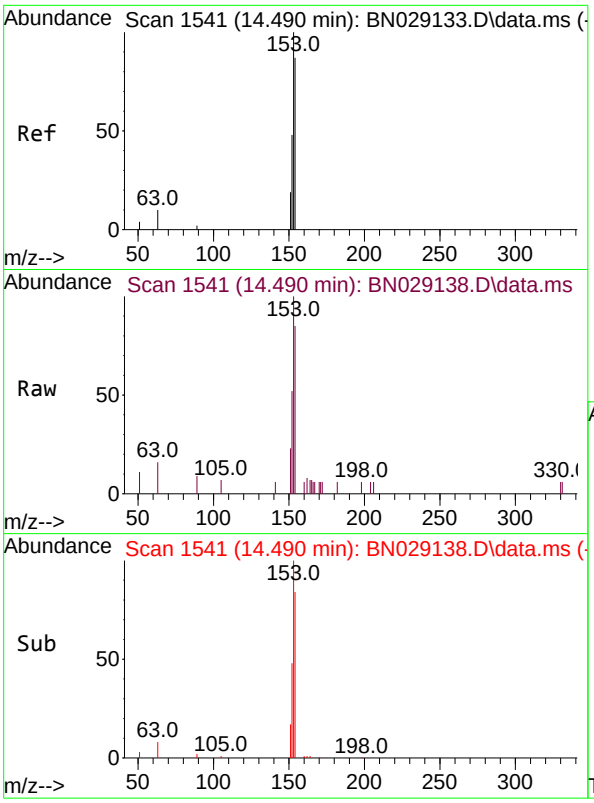


#16
Acenaphthylene
Concen: 0.362 ng
RT: 14.148 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Tgt Ion:152 Resp: 1811

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.6	10.1	15.1



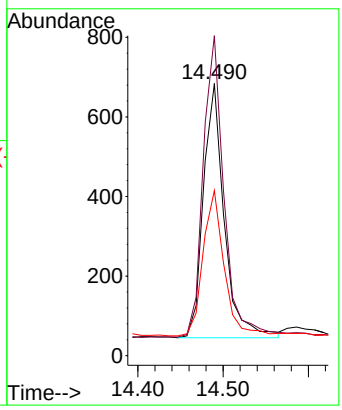


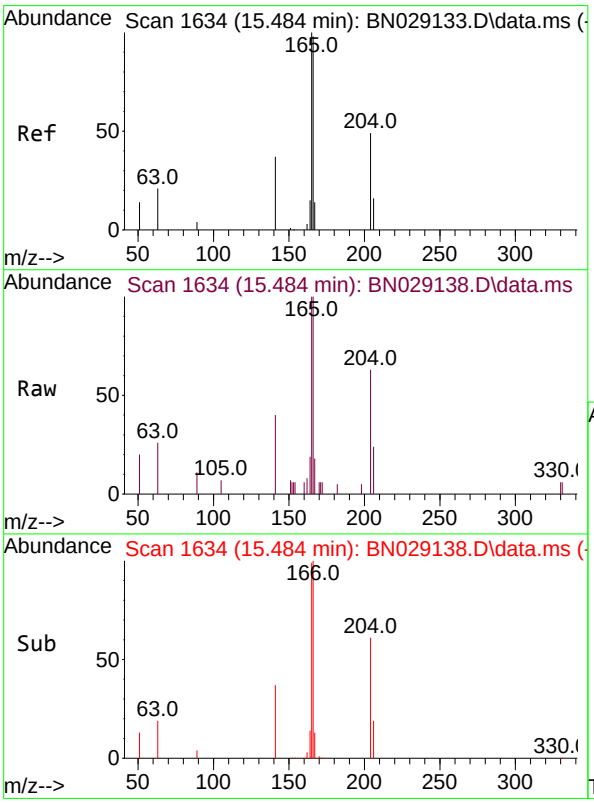
#17
Acenaphthene
Concen: 0.363 ng
RT: 14.490 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Tgt Ion:154 Resp: 1088

Ion	Ratio	Lower	Upper
154	100		
153	120.5	99.9	149.9
152	57.6	47.4	71.2

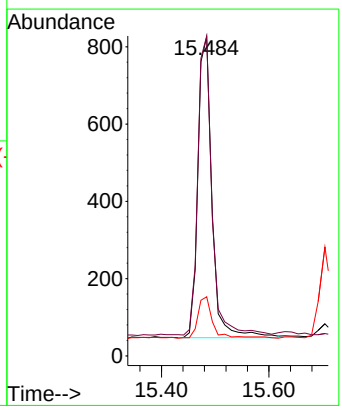


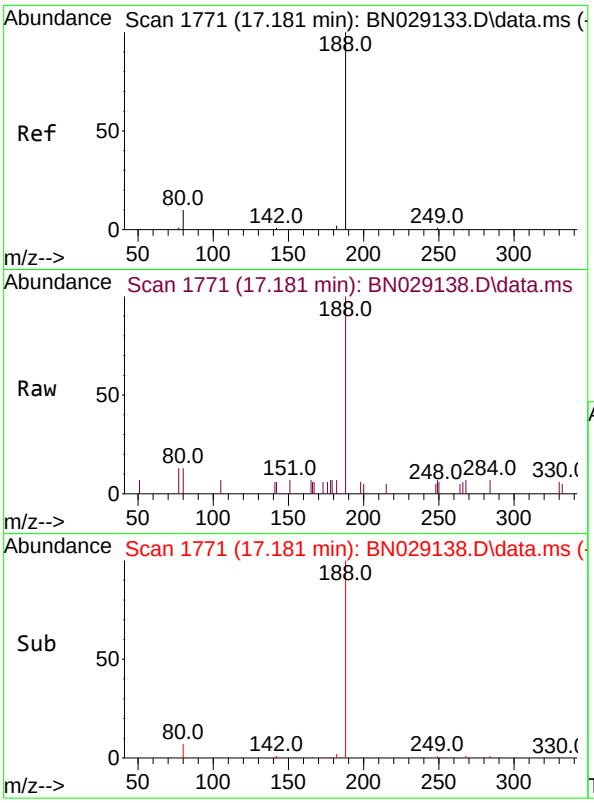


#18
Fluorene
Concen: 0.377 ng
RT: 15.484 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Tgt Ion:166 Resp: 1524

Ion	Ratio	Lower	Upper
166	100		
165	97.8	83.4	125.0
167	14.3	11.8	17.8



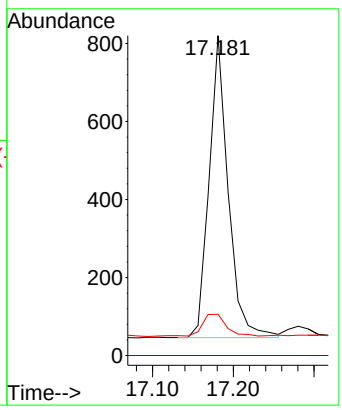


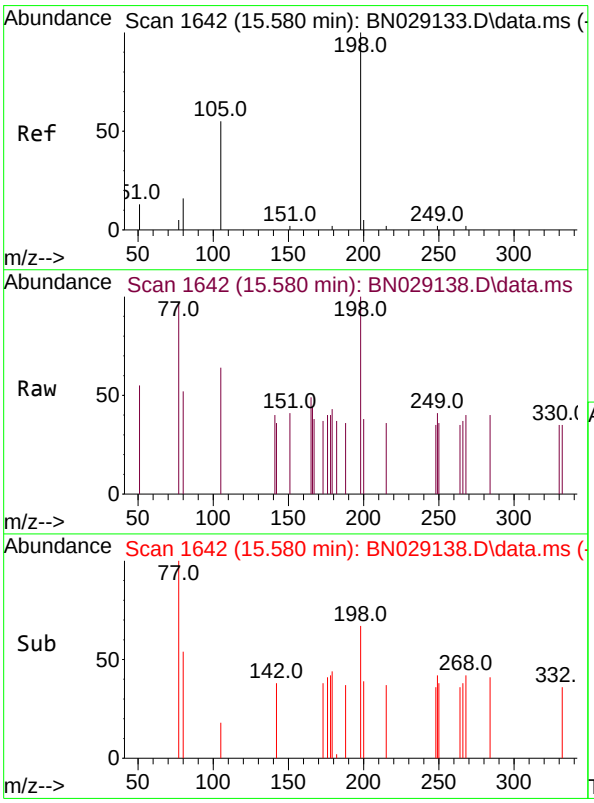
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Tgt Ion:188 Resp: 1269

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.9	13.7	20.5#

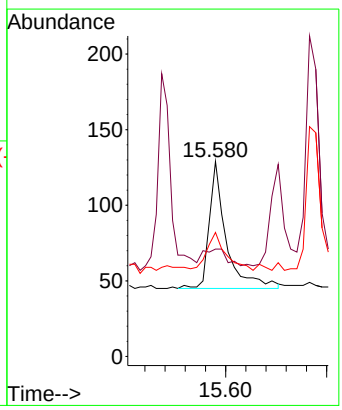


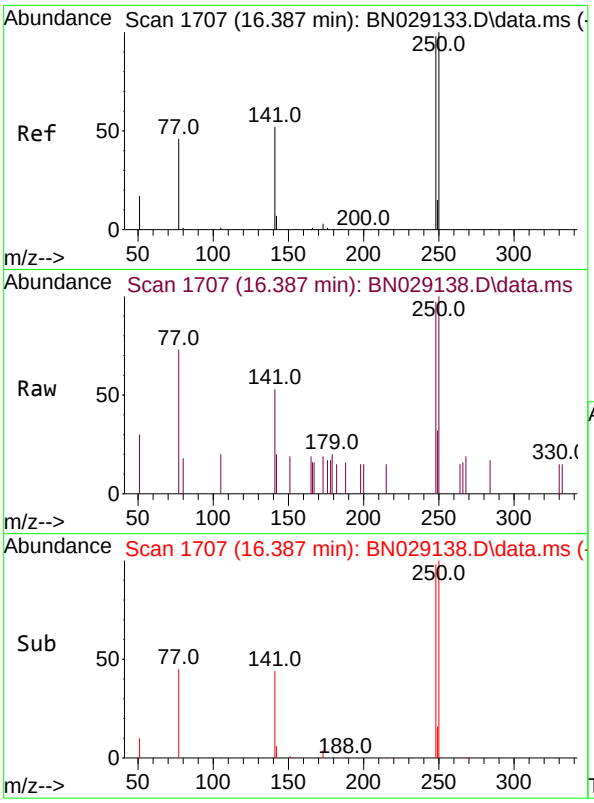


#20
4,6-Dinitro-2-methylphenol
Concen: 0.387 ng
RT: 15.580 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Tgt Ion:198 Resp: 196

Ion	Ratio	Lower	Upper
198	100		
51	55.0	53.6	80.4
105	63.6	65.6	98.4#



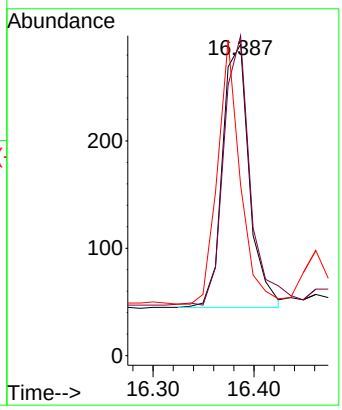


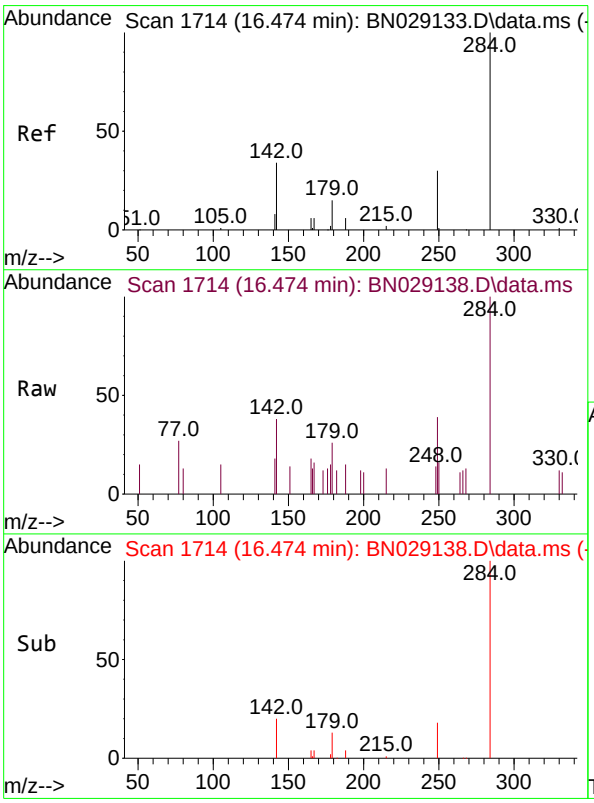
#21
4-Bromophenyl-phenylether
Concen: 0.346 ng
RT: 16.387 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Tgt Ion:248 Resp: 454

Ion	Ratio	Lower	Upper
248	100		
250	102.8	82.2	123.2
141	54.8	49.7	74.5

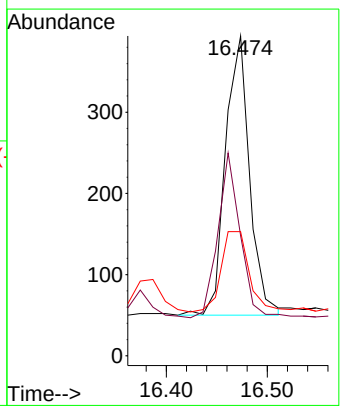


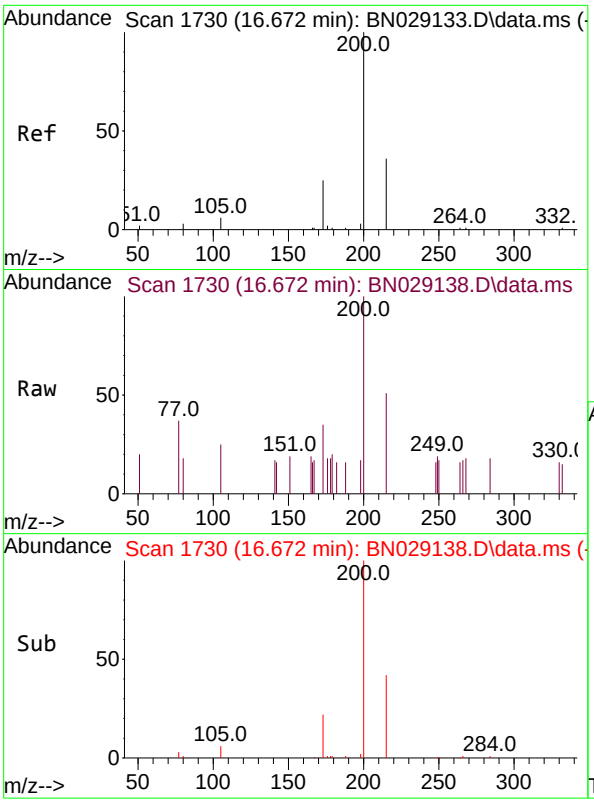


#22
Hexachlorobenzene
Concen: 0.374 ng
RT: 16.474 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Tgt Ion:284 Resp: 572

Ion	Ratio	Lower	Upper
284	100		
142	54.5	46.9	70.3
249	33.9	28.6	43.0



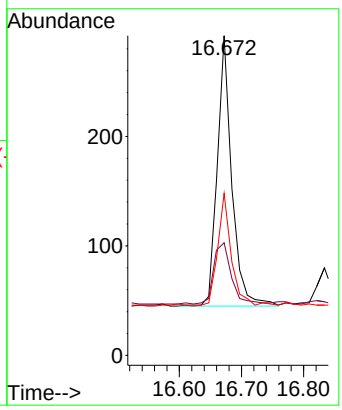


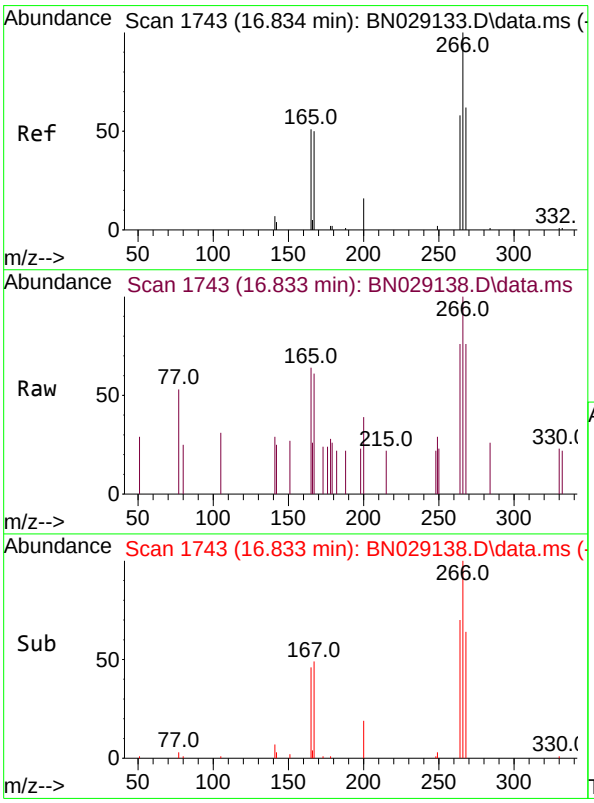
#23
Atrazine
Concen: 0.364 ng
RT: 16.672 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Tgt Ion:200 Resp: 401

Ion	Ratio	Lower	Upper
200	100		
173	35.3	31.4	47.2
215	50.7	38.5	57.7

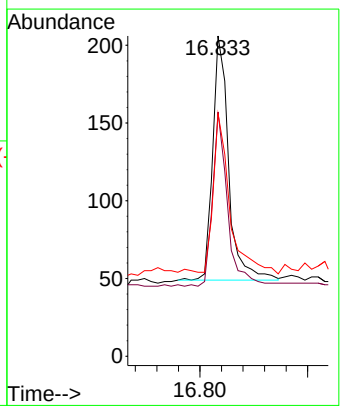


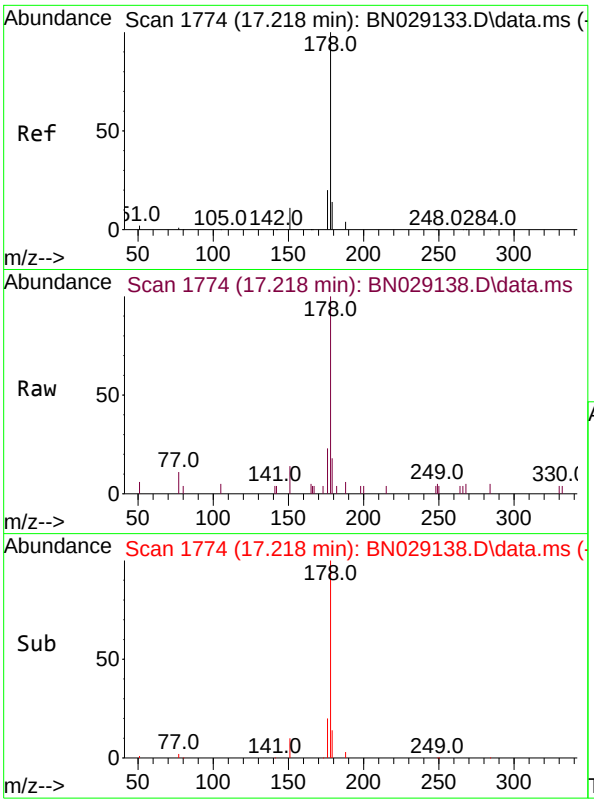


#24
Pentachlorophenol
Concen: 0.357 ng
RT: 16.833 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Tgt Ion:266 Resp: 323

Ion	Ratio	Lower	Upper
266	100		
264	66.9	45.0	67.6
268	68.1	55.5	83.3



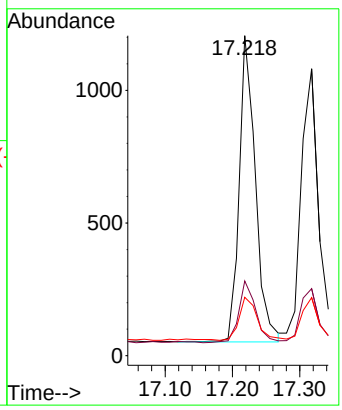


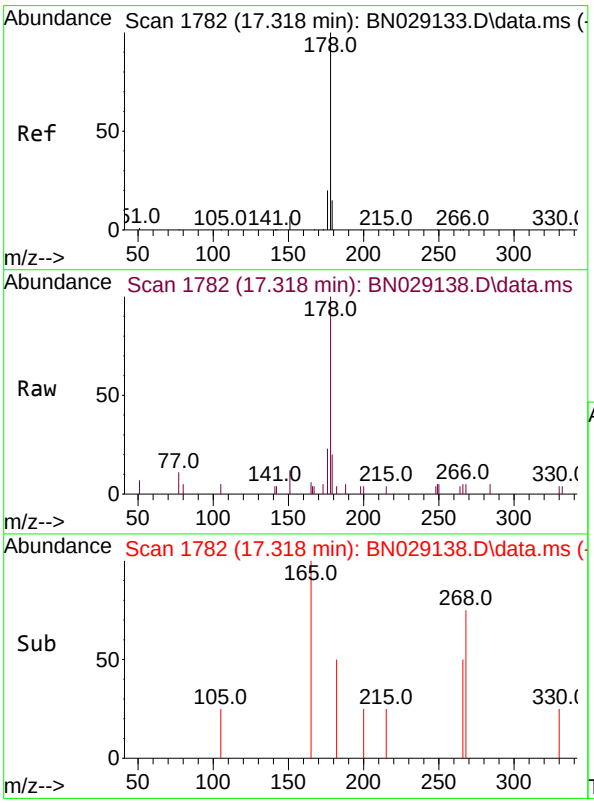
#25
Phenanthrene
Concen: 0.370 ng
RT: 17.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Tgt Ion:178 Resp: 1935

Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.4	26.0
179	15.9	13.7	20.5

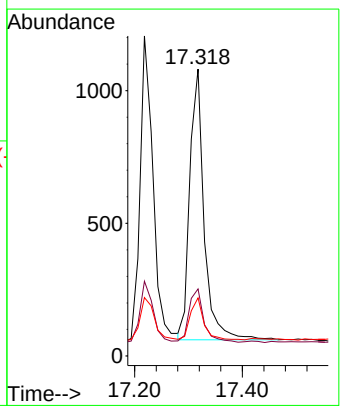


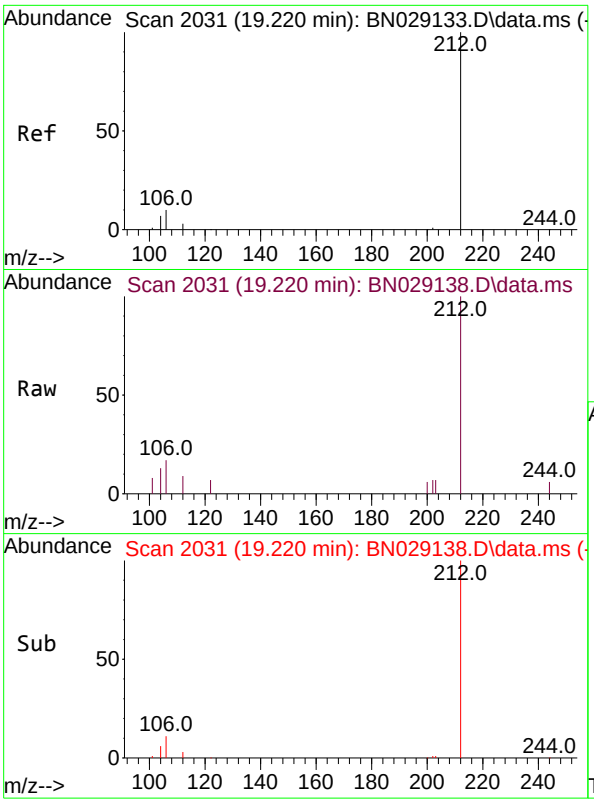


#26
Anthracene
Concen: 0.374 ng
RT: 17.318 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Tgt Ion:178 Resp: 1892

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	14.4	11.4	17.0



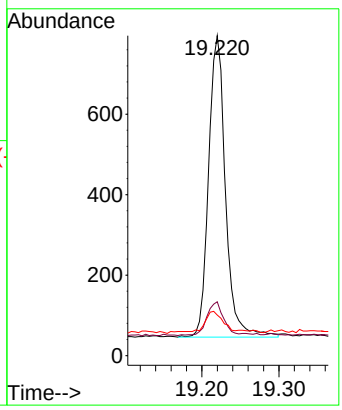


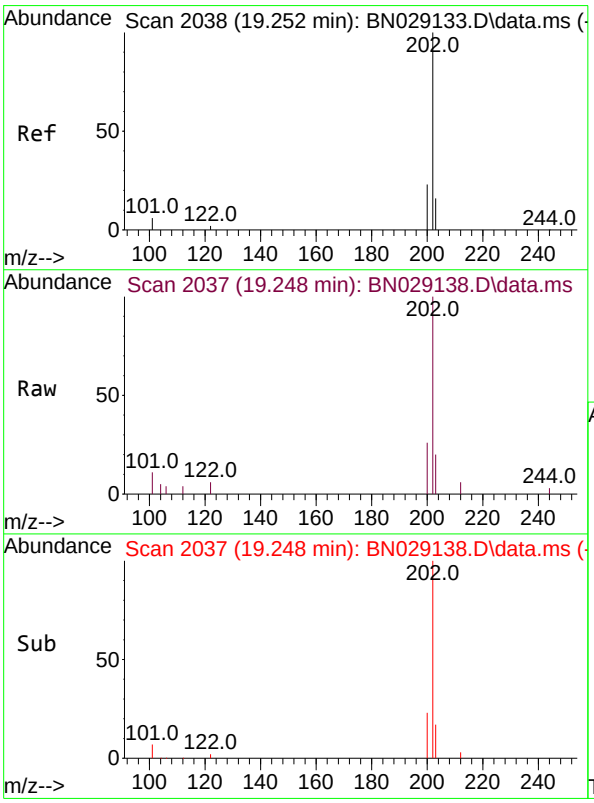
#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.220 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Tgt Ion:212 Resp: 1142

Ion	Ratio	Lower	Upper
212	100		
106	11.6	9.6	14.4
104	6.9	6.5	9.7

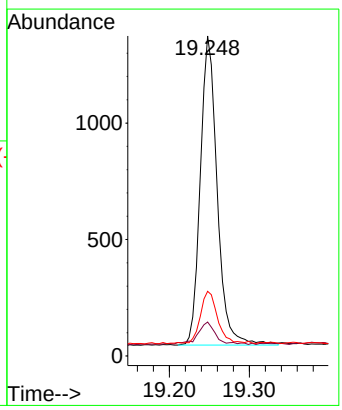


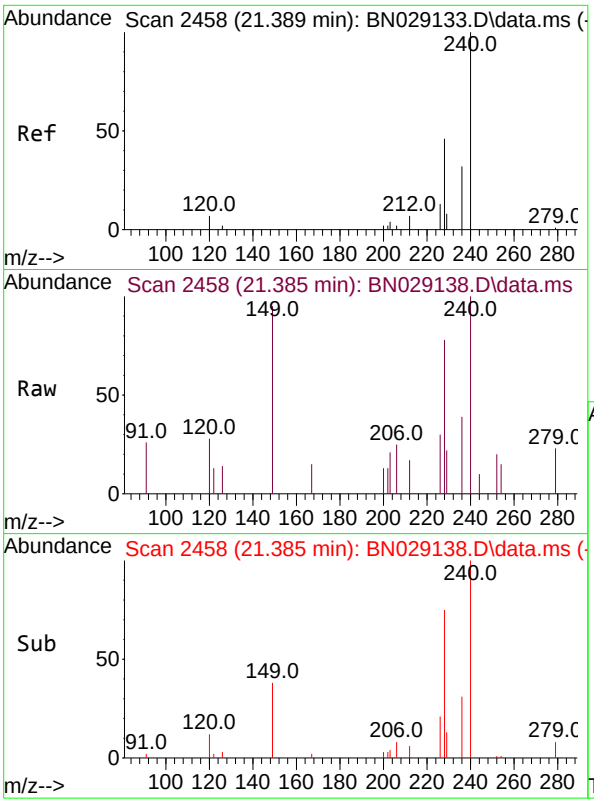


#28
Fluoranthene
Concen: 0.361 ng
RT: 19.248 min Scan# 2037
Delta R.T. -0.005 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Tgt Ion:202 Resp: 1952

Ion	Ratio	Lower	Upper
202	100		
101	8.1	5.3	7.9#
203	17.0	13.8	20.6



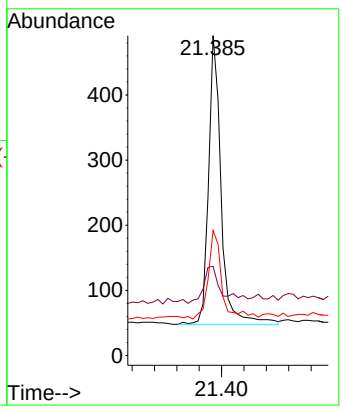


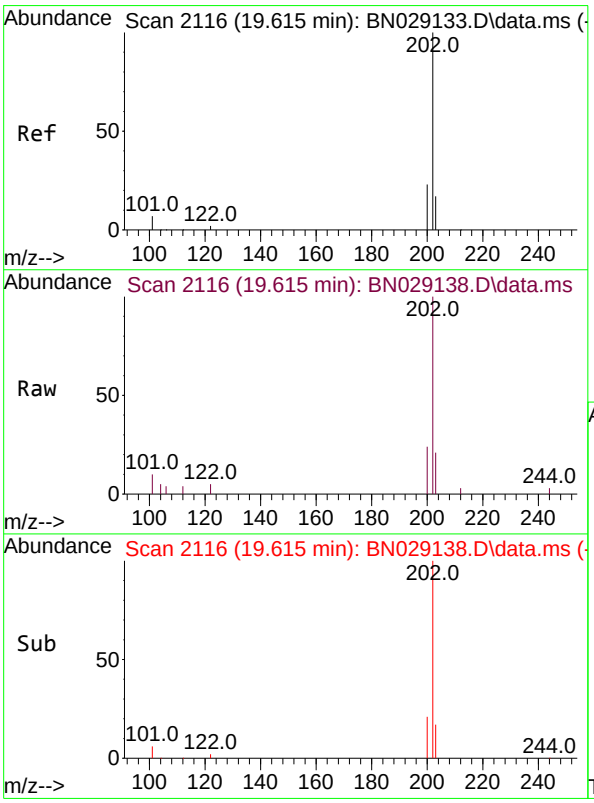
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.385 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Tgt Ion:240 Resp: 686

Ion	Ratio	Lower	Upper
240	100		
120	27.9	21.4	32.0
236	39.1	33.5	50.3

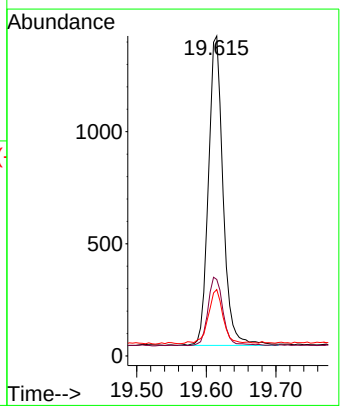


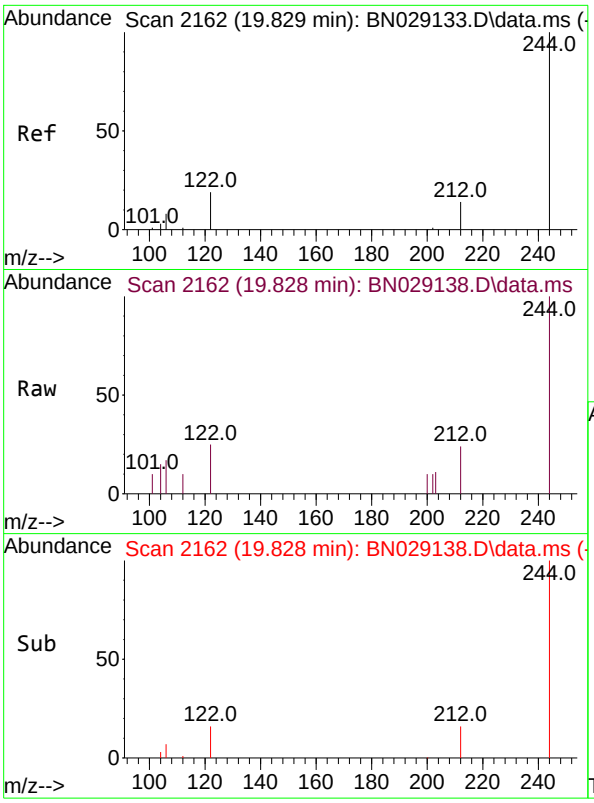


#30
Pyrene
Concen: 0.373 ng
RT: 19.615 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Tgt Ion:202 Resp: 2016

Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.0	27.0
203	18.0	15.1	22.7



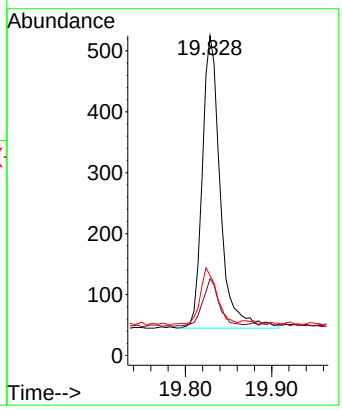


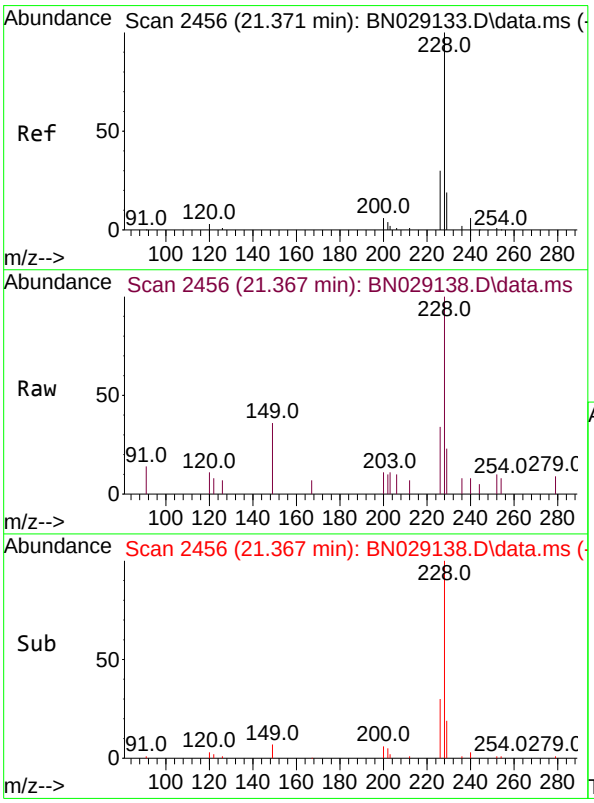
#31
Terphenyl-d14
Concen: 0.367 ng
RT: 19.828 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Tgt Ion:244 Resp: 692

Ion	Ratio	Lower	Upper
244	100		
212	24.0	19.0	28.6
122	25.0	22.5	33.7

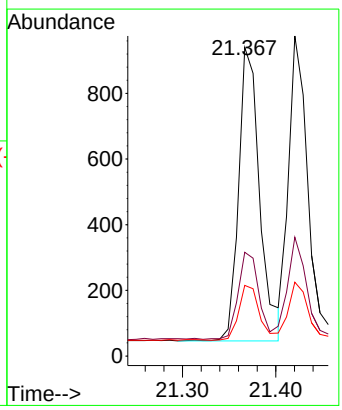


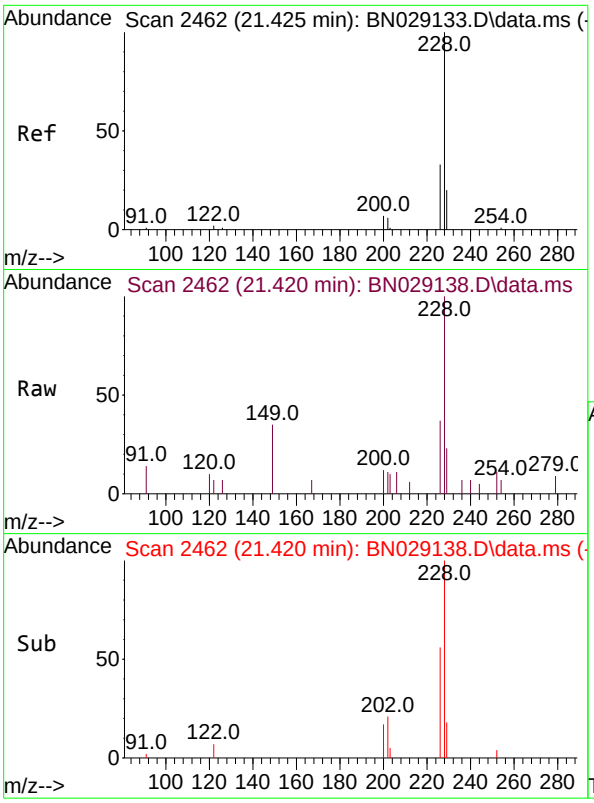


#32
Benzo(a)anthracene
Concen: 0.373 ng
RT: 21.367 min Scan# 2456
Delta R.T. -0.004 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Tgt Ion:228 Resp: 1406

Ion	Ratio	Lower	Upper
228	100		
226	33.6	27.6	41.4
229	22.9	19.4	29.0



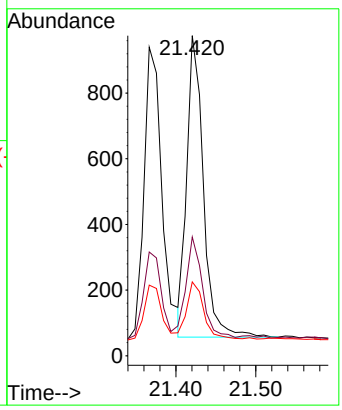


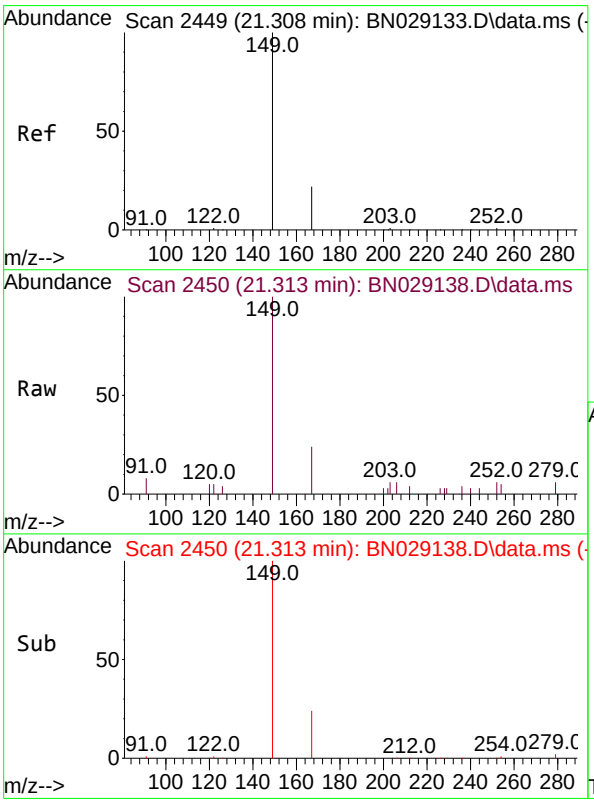
#33
Chrysene
Concen: 0.355 ng
RT: 21.420 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Tgt Ion:228 Resp: 1323

Ion	Ratio	Lower	Upper
228	100		
226	37.1	29.2	43.8
229	23.1	19.3	28.9

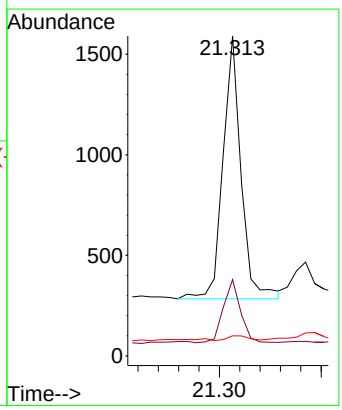


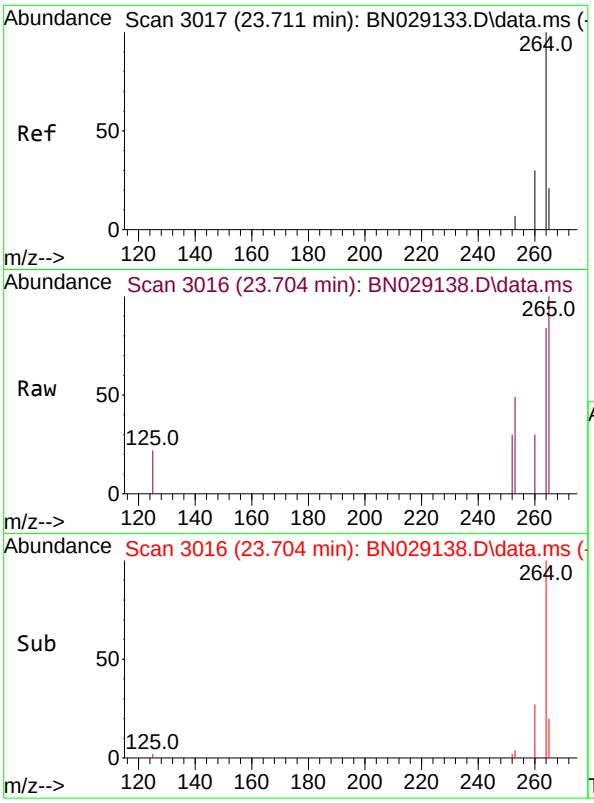


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.342 ng
RT: 21.313 min Scan# 2450
Delta R.T. 0.005 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Tgt Ion:149 Resp: 1612

Ion	Ratio	Lower	Upper
149	100		
167	23.0	20.2	30.2
279	2.2	2.5	3.7#



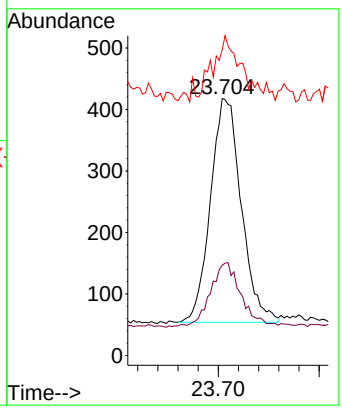


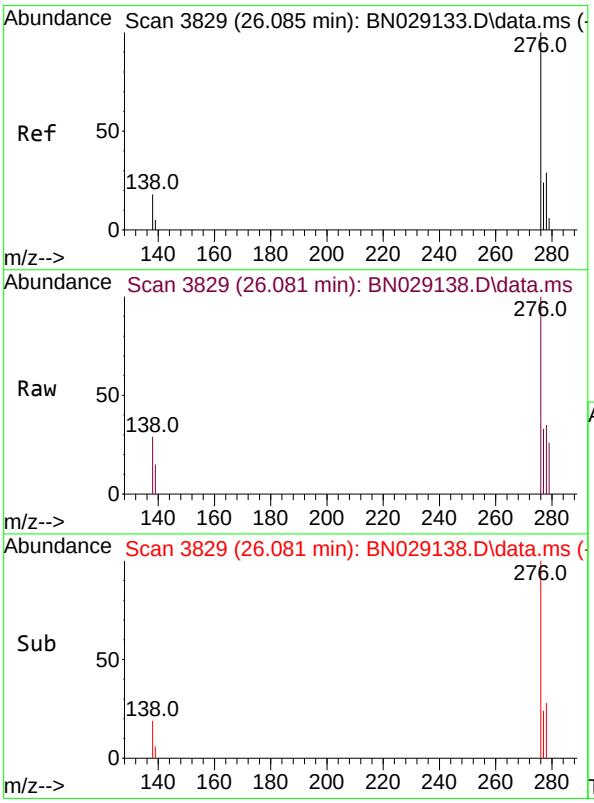
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.704 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Tgt Ion:264 Resp: 772

Ion	Ratio	Lower	Upper
264	100		
260	35.2	31.0	46.6
265	118.9	105.3	157.9

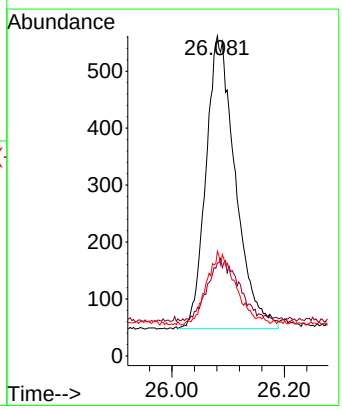


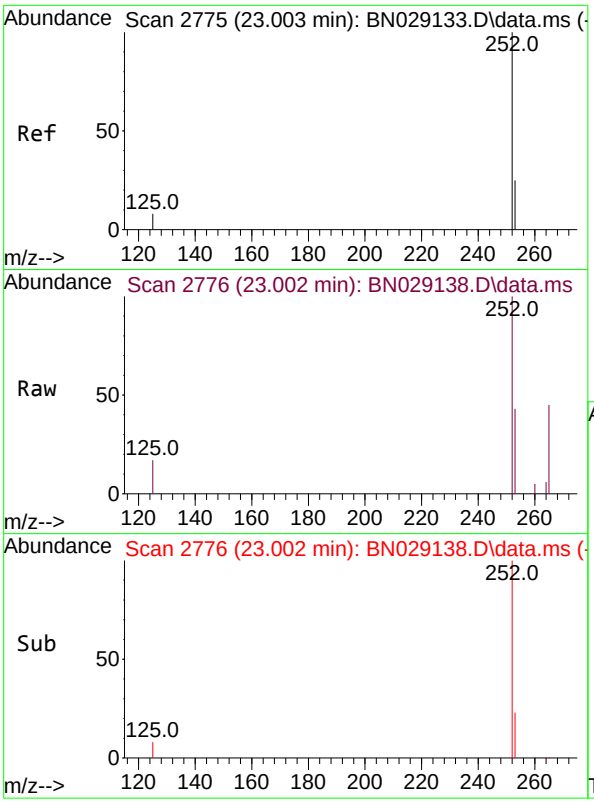


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng
RT: 26.081 min Scan# 3829
Delta R.T. -0.004 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Tgt Ion:276 Resp: 1863

Ion	Ratio	Lower	Upper
276	100		
138	22.4	7.8	11.6#
277	12.1	9.2	13.8



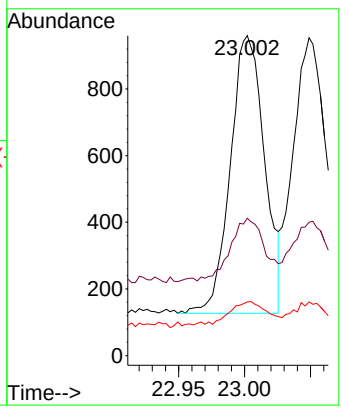


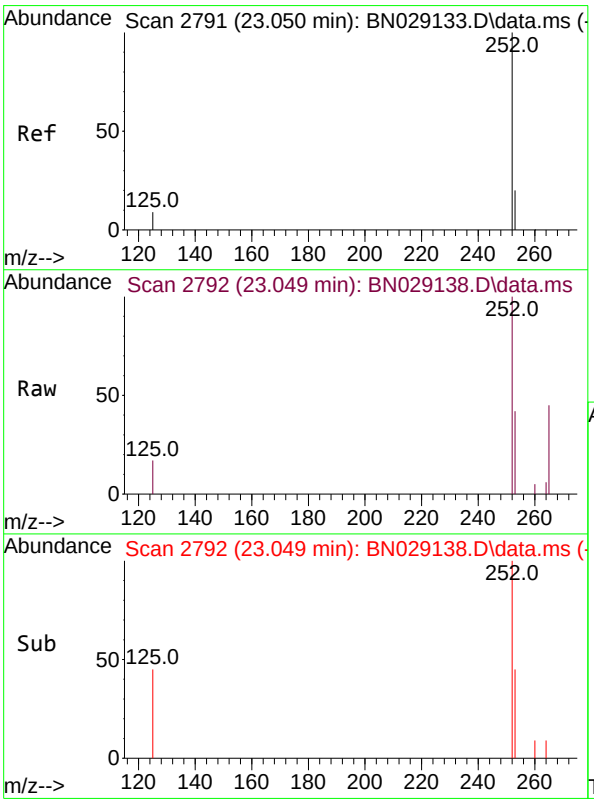
#37
Benzo(b)fluoranthene
Concen: 0.384 ng
RT: 23.002 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Tgt Ion:252 Resp: 1507

Ion	Ratio	Lower	Upper
252	100		
253	42.9	36.0	54.0
125	16.8	14.6	21.8

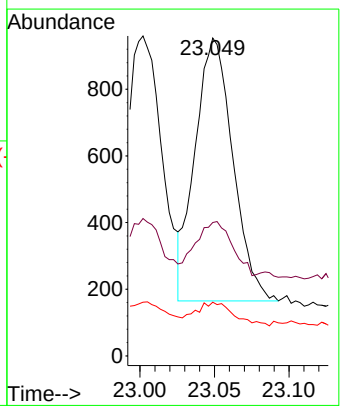


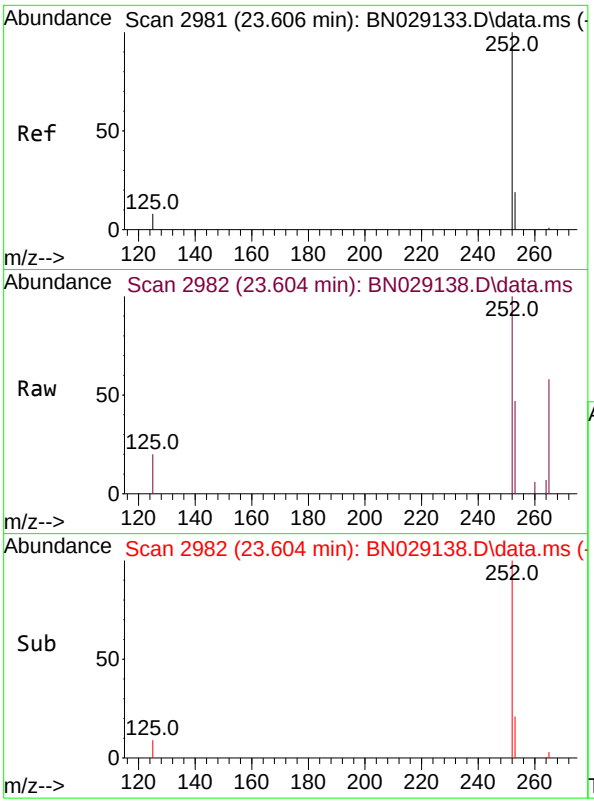


#38
Benzo(k)fluoranthene
Concen: 0.363 ng
RT: 23.049 min Scan# 2792
Delta R.T. -0.001 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Tgt Ion:252 Resp: 1394

Ion	Ratio	Lower	Upper
252	100		
253	41.9	35.0	52.6
125	16.9	14.6	21.8



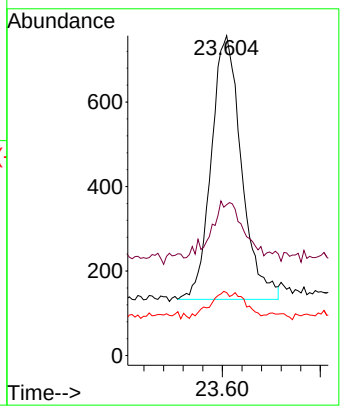


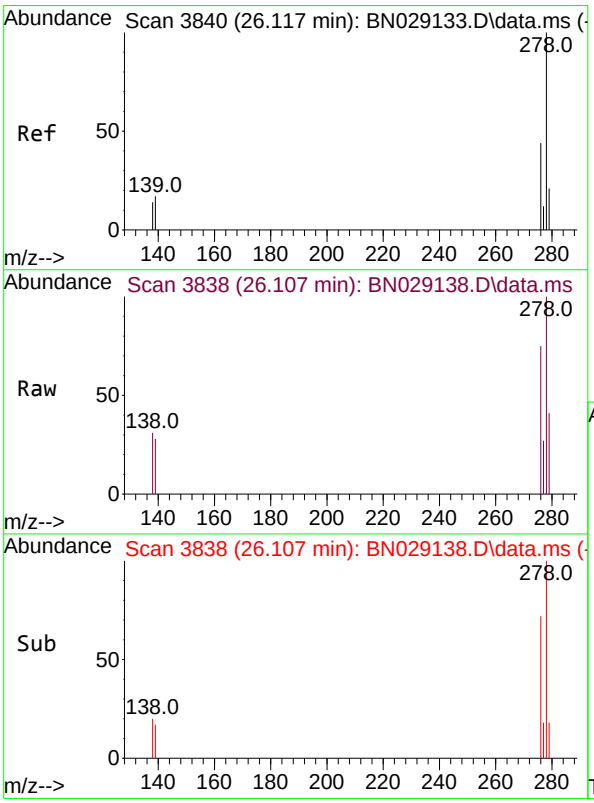
#39
Benzo(a)pyrene
Concen: 0.381 ng
RT: 23.604 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Tgt Ion:252 Resp: 1336

Ion	Ratio	Lower	Upper
252	100		
253	47.2	40.3	60.5
125	19.7	16.7	25.1

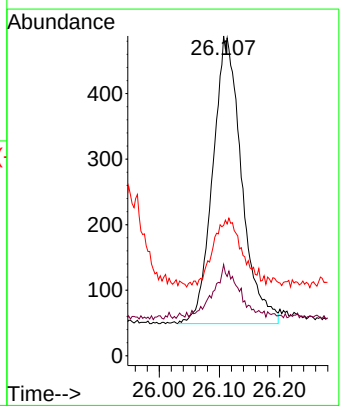


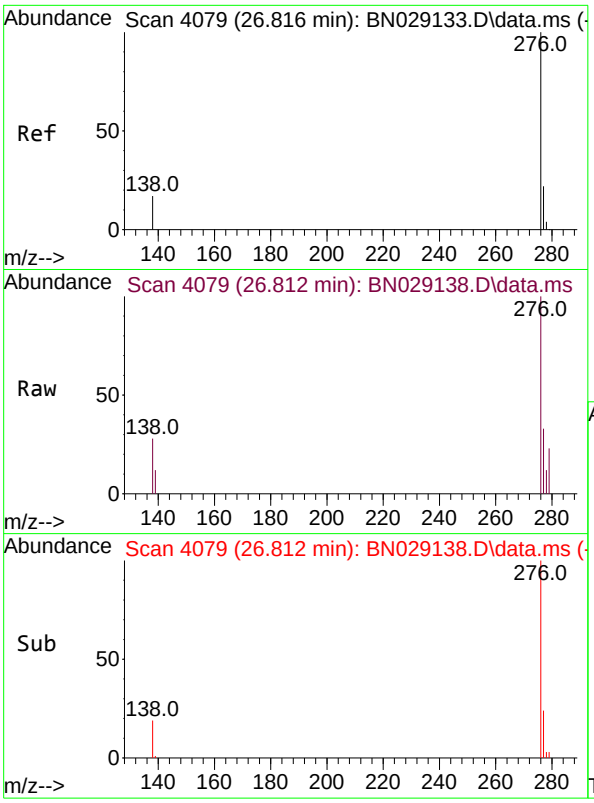


#40
Dibenzo(a,h)anthracene
Concen: 0.382 ng
RT: 26.107 min Scan# 3838
Delta R.T. -0.010 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Tgt Ion:278 Resp: 1460

Ion	Ratio	Lower	Upper
278	100		
139	28.5	24.2	36.2
279	40.8	34.9	52.3





#41
Benzo(g,h,i)perylene
Concen: 0.379 ng
RT: 26.812 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN029138.D
Acq: 20 Dec 2023 17:13

Instrument :
BNA_N
ClientSampleId :
ICVBN122023

Tgt Ion:276 Resp: 1595

Ion	Ratio	Lower	Upper
276	100		
277	33.2	25.5	38.3
138	28.5	22.9	34.3